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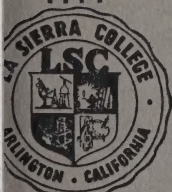




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# La Sierra College Bulletin



1946-1947 Sessions













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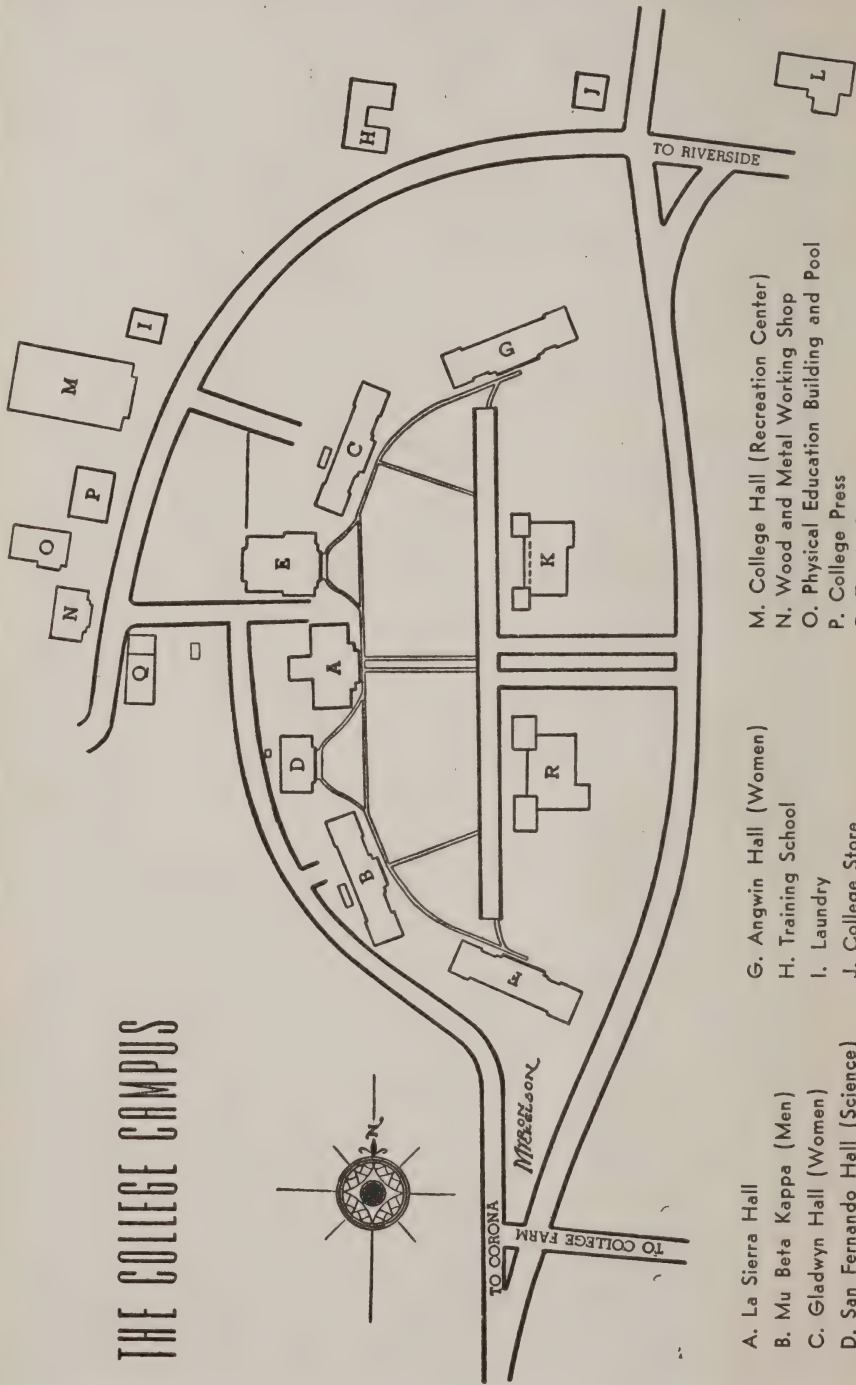
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THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED





LA SIERRA COLLEGE  
BULLETIN

# THE COLLEGE CAMPUS



- |                                |                        |   |
|--------------------------------|------------------------|---|
| A. La Sierra Hall              | G. Angwin Hall (Women) | M. College Hall (Recreation Center)     |
| B. Mu Beta Kappa (Men)         | H. Training School     | N. Wood and Metal Working Shop          |
| C. Gladwyn Hall (Women)        | I. Laundry             | O. Physical Education Building and Pool |
| D. San Fernando Hall (Science) | J. College Store       | P. College Press                        |
| E. Hole Memorial Auditorium    | K. Cafeteria           | Q. Tennis Courts                        |
|                                |                        | R. Administration Building and          |



# LA SIERRA COLLEGE BULLETIN

CATALOG NUMBER

1946 - 1947

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PUBLISHED BY  
LA SIERRA COLLEGE  
Arlington, California

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NOV 26 1946  
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1946/47-1953/54

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# CALENDAR

1946 - 1947

September	January	May
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4	1 2 3
8 9 10 11 12 13 14	5 6 7 8 9 10 11	4 5 6 7 8 9 10
15 16 17 18 19 20 21	12 13 14 15 16 17 18	11 12 13 14 15 16 17
22 23 24 25 26 27 28	19 20 <u>21</u> <u>22</u> <u>23</u> <u>24</u> 25	18 19 20 21 22 23 24
29 30	26 27 28 29 30 31	25 26 <u>27</u> <u>28</u> <u>29</u> <u>30</u> 31
October	February	June
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5	1	1 2 3 4 5 6 7
6 7 8 9 10 11 12	2 3 4 5 6 7 8	8 9 10 11 12 13 14
13 14 15 16 17 18 19	9 10 11 12 13 14 15	15 16 17 18 19 20 21
20 21 22 23 24 25 26	16 17 18 19 20 21 22	22 23 24 25 26 27 28
27 28 29 30 31	23 24 25 26 27 28	29 30
November	March	July
S M T W T F S	S M T W T F S	S M T W T F S
1 2	1	1 2 3 4 5
3 4 5 6 7 8 9	2 3 4 5 6 7 8	6 7 8 9 10 11 12
10 11 12 13 14 15 16	9 10 11 12 13 14 15	13 14 15 16 17 18 19
17 18 19 20 21 22 23	16 17 18 19 20 21 22	20 21 22 23 24 25 26
24 25 26 27 28 29 30	23 <u>24</u> <u>25</u> <u>26</u> 27 28 29	27 28 29 30 31
30 31		
December	April	August
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4 5	1 2
8 9 10 11 12 13 14	6 7 8 9 10 11 12	3 4 5 6 7 8 9
15 16 17 18 19 20 21	13 14 15 16 17 18 19	10 11 12 13 14 15 16
22 23 24 25 26 27 28	20 21 22 23 24 25 26	17 18 19 20 21 22 23
29 30 31	27 28 29 30	24 25 26 27 28 29 30
		31

**Bold Dates**—Financial periods close (Accounts due within ten days).

**Underscore**—Examination days.

# CALENDAR OF EVENTS

1946 - 1947

## SUMMER SESSIONS (1946)

First Summer Session Registration.....	June 16
Second Summer Session Registration.....	July 28

## FIRST SEMESTER

Freshman Days*	September 16, 17
Registration for Returning Students.....	September 16, 17
Freshman Registration.....	September 17
Instruction Begins.....	September 18
Last Day to Enroll for First Semester**	September 30
Founders' Day.....	October 3
Alumni Homecoming.....	October 6
Fall Week of Prayer.....	November 2-9
Mid-semester Examinations.....	November 11-15
Autumn Recess 1:00 P.M.....	November 21
to 6:00 P.M.....	November 24
Seniors Organize .....	December 2
Senior Presentation.....	December 9
Winter Vacation 5:00 P.M.....	December 19
to 6:00 P.M.....	January 1
First Semester Examinations.....	January 21-24
First Semester Closes.....	January 24

## SECOND SEMESTER

Second Semester Registration.....	January 23, 24
Second Semester Instruction Begins.....	January 27
Last Day to Enroll for Second Semester**	February 10
College Day.....	March 6
Mid-semester Examinations.....	March 24-26
Spring Recess 1:00 P.M.....	March 26
to 6:00 P.M.....	March 30
Spring Week of Prayer.....	April 5-12
Comprehensive Examinations for Seniors.....	April 14-17
Second Semester Examinations.....	May 27-30
Baccalaureate, 11:00 A.M.....	May 31
Commencement, 10:00 A.M.....	June 1

## SUMMER SESSIONS (1947)

First Summer Session Registration.....	June 15
Second Summer Session Registration.....	July 27

\*All students with less than twenty-eight hours of college credit, who have not taken the La Sierra or Pacific Union College freshman tests, are expected to be present at 9:30 A.M., September 16, in the college chapel, to take such tests.

\*\*See note on registration on page 38.



## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the College and faculty appointments should be addressed to the President.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogues and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
Evaluation of Credits.....	Registrar
Graduate Placement.....	Dean of the College
Transcripts of Records.....	Registrar
Summer Sessions.....	Dean of the College
Veterans' Affairs.....	Dean of the College

## ADMINISTRATION AND FACULTY

### BOARD OF TRUSTEES

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Angwin, California

G. T. CHAPMAN  
Arlington, California

E. L. PLACE  
Sanitarium, California

FREDERICK GRIGGS  
Los Angeles, California

WALTER E. MACPHERSON  
Los Angeles, California

### REGIONAL FIELD REPRESENTATIVES

*Arizona Conference*—A. J. Werner  
Box 1871, Phoenix, Arizona

*Central California Conference*—W. L. Avery  
P. O. Box 580, San Jose 4, California

*Hawaiian Mission*—A. W. Millard  
1112 Keeaumoku Street, Honolulu 46, T. H.

*Nevada-Utah Conference*—D. E. Jacobs  
Box 139, Sugarhouse Station, Salt Lake City, Utah

*Northern California Conference*—W. W. Ruble  
Box 149, Oakland 4, California

*Southeastern California Conference*—W. O. Baldwin  
Box 584, Arlington, California

*Southern California Conference*—W. C. Loveless  
Station A, Box 148, Los Angeles 31, California

## ON CAMPUS ADMINISTRATION

### ADMINISTRATION OFFICERS

L. R. RASMUSSEN—*President*

K. F. AMBS—*Manager*

K. J. REYNOLDS—*Dean*

WILLETA CARLSEN—*Registrar*

N. L. PARKER—*Principal of the Preparatory School*

W. T. CRANDALL—*Dean of Men*

MARY CHAMPION—*Dean of Women*

OLIVE SEVERS-PALMER—*Librarian*

### CHAIRMEN OF DIVISIONS OF INSTRUCTION

Religion and Evangelism—P. C. Heubach

Social Studies—K. J. Reynolds

Sciences—L. E. Downs

Language—W. J. Airey

Fine Arts—H. B. Hannum

Education—C. D. Striplin

Business—E. S. Cubley

Applied Arts—W. W. Kennedy

Nursing and Health—To be supplied



## FACULTY

- HARLYN ABEL, B.Mus.** *Professor of Voice*  
B.Mus., American Conservatory of Music, Chicago; advanced instruction under Edward Lippe, 1936, 1937; graduate work at Westminster Choir College, Choir School, 1938-1942; advanced work under Franz Hoffman, 1943-1944. Voice, Choir, and Conducting at La Sierra College since 1932.
- WILFRED J. AIREY, Ph.D.** *Professor of English*  
A.B., Walla Walla College; M.A., University of Washington. Ph.D., University of Washington. English, History, at La Sierra College since 1941.
- K. F. AMBS, M.Bus.Admin.** *Professor of Business Administration*  
A.B., Emmanuel Missionary College; M.Bus.Admin., Northwestern University. Business Administration at La Sierra College since 1936.
- MARGARETE AMBS, M.A.** *Professor of Modern Languages*  
A.B., Emmanuel Missionary College; M.A., University of Southern California; graduate work, Universidad Nacional de Mexico, 1941, 1944. Modern Languages at La Sierra College since 1938.
- W. E. ANDERSON, M.Bus.Admin.** *Assistant Professor of Business Administration*  
A.B., Emmanuel Missionary College; M.Bus.Admin., University of Southern California. Business Administration at La Sierra College since 1943.
- ALICE C. BABCOCK, M.A.** *Associate Professor of English*  
A.B., Pacific Union College; M.A., Pacific Union College. English at La Sierra College since 1944.
- MARIAN H. BOWERS, R.N., M.A.** *Instructor in Preparatory Nursing*  
A.B., University of Redlands; M.A., University of Redlands. Nursing Education for La Sierra College since 1939.
- FRANCES L. BROWN, A.B.** *Instructor in Voice*  
A.B., Pacific Union College; graduate work, University of Redlands, 1936-1938, University of Southern California, 1941, 1943, 1944; conducting and voice with John Findlay Williamson, 1941-1942; with Franz Hoffman, 1942-1944. Assistant in Voice at La Sierra College since 1943.
- DORIS H. CARLSEN, A.B.** *Instructor in Home Economics*  
A.B., Pacific Union College; graduate work, Fresno State College, 1936; Oregon State College, 1940, 1944. Home Economics at La Sierra College since 1942.
- MARY CHAMPION, B.S.** *Dean of Women*  
B.S., Emmanuel Missionary College. Dean of Women at La Sierra College since 1945.
- WALTER T. CRANDALL, A.B.** *Dean of Men*  
A.B., Washington Missionary College; graduate work, University of Southern California, 1945. Dean of Men at La Sierra College since 1934.
- E. STRAUSS CUBLEY, M.Bus.Admin.** *Professor of Business Administration*  
A.B., Walla Walla College; M.Bus.Admin., University of Washington; residence work for doctorate completed 1940, University of Washington. Business Administration at La Sierra College since 1945.

- LESTER H. CUSHMAN, M.S. *Professor of Physics and Mathematics*  
A.B., Pacific Union College; M.S., University of Southern California.  
Physics, Mathematics at La Sierra College since 1930. (On leave,  
1946-1947.)
- L. E. DOWNS, M.A. *Professor of Biology*  
A.B., Pacific Union College; M.A., Pacific Union College. Biology at  
La Sierra College since 1944.
- EDNA S. FARNSWORTH, B.F.A., M.Mus. *Associate Professor of Music*  
B.F.A. in Music, Nebraska Wesleyan University; M.Mus., Redlands  
University; advanced piano under Heinrich Gebhard, 1925-1937; pipe  
organ under Leslie P. Spelman, 1939-1944. Theory, Piano, Organ, at  
La Sierra College since 1939.
- ELLA KNOKEY-FROST *Instructor in Piano*  
Walla Walla School of Music, 1909. Assistant piano teacher at La Sierra  
College since 1944.
- LESTER GIBSON, M.S. *Assistant Professor of Chemistry*  
A.B., University of Wyoming; M.S., University of Wyoming. Chemistry  
at La Sierra College since 1946.
- MARY WITCHEY-GROOME, A.B. *Instructor in Elementary Education*  
A.B., University of Redlands; graduate work at University of Southern  
California, 1939-1940; University of Denver, 1944. Elementary Edu-  
cation at La Sierra College since 1938.
- LYMAN LESTER HAM *Physical Education Director*  
Southern California Junior College, 1930-1933; Riverside Junior Col-  
lege, 1933-1934; Pacific Union College, 1935. Physical Director at  
La Sierra College since 1944.
- HAROLD B. HANNUM, M.Mus., A.A.G.O. *Professor of Music*  
A.B., Washington Missionary College; Teacher's Certificate (piano),  
Peabody Conservatory, 1926; Associate of the American Guild of  
Organists, 1931; M.Mus., Northwestern University. Music at La Sierra  
College since 1944.
- J. C. HAUSSLER, Ph.D. *Professor of Religious History*  
A.B., Walla Walla College; M.A., Occidental College; Ph.D., University  
of Southern California. Religion and religious history at La Sierra  
College since 1941.
- WILLAMAE HAWKINS, A.B. *Instructor in Elementary Education*  
A.B., Pacific Union College; graduate work, Arizona State Teachers'  
College, 1936-1938; University of Hawaii, 1938-1939. Elementary  
Education at La Sierra College since 1942.
- EDWARD HEPPENSTALL, M.A. *Professor of Religion*  
B.Th., Stanborough Park College, England; A.B., Emmanuel Missionary  
College; M.A., University of Michigan; graduate work, University of  
Southern California, 1941-1942, 1945-1946. Religion, Biblical languages,  
Archaeology at La Sierra College since 1940.
- P. C. HEUBACH, M.A. *Professor of Evangelism*  
A.B., Pacific Union College; M.A., Washington Theological Seminary;  
graduate work, University of Southern California, 1942-1943; Evangel-  
ism at La Sierra College since 1942.
- JEAN MONCRIEFF-HILL, A.B. *Instructor in Piano*  
A.B., Emmanuel Missionary College. Instructor in piano at La Sierra  
College since 1946.

- MAYBEL JENSEN, M.A. *Professor of Elementary Education and Teacher Training*  
A.B., Union College; M.A., University of Southern California; graduate work, University of Southern California, 1932, 1934-1940, 1942. Elementary Education, Teacher Training at La Sierra College since 1925.
- VARNER J. JOHNS, J.D. *Associate Professor of Religion*  
A.B., Union College; J.D., American University College of Law. Religion at La Sierra College since 1945.
- ANNA L. JOHNSTON, A.B. *Instructor in Elementary Education*  
A.B., Union College; graduate work, L'Universite de Geneve, University of Nebraska, 1939-1940. Elementary education at La Sierra College since 1945.
- W. WALTER KENNEDY, A.B. *Instructor in Printing*  
A.B., Pacific Union College. Printing at La Sierra College since 1945.
- CLARENCE KROHN, M.S. *Professor of Agriculture*  
B.S., Emmanuel Missionary College; M.S., Michigan State College. Agriculture at La Sierra College since 1943.
- ESTHER LOGAN, A.B. *Assistant Registrar*  
A.B., Walla Walla College. Assistant Registrar at La Sierra College since 1946.
- MARTHA LORENZ, A.B. *Instructor in Home Economics*  
A.B., Pacific Union College. Assistant in Home Economics at La Sierra College since 1944.
- EDWARD B. MATHESON, A.B. *Assistant Dean of Men*  
A.B., La Sierra College; Assistant Dean of Men at La Sierra College since 1945.
- NELLIE G. ODELL, A.B. *Instructor in Elementary Education*  
A.B., Pacific Union College. Elementary Education at La Sierra College since 1945.
- IRENE E. ORTNER, M.A. *Professor of Secretarial Science*  
A.B., Atlantic Union College; M.A., Boston University. Secretarial Science at La Sierra College since 1944.
- LOUIS C. PALMER, M.S. *Professor of Chemistry*  
A.B., Union College; M.S., University of Southern California; graduate work, University of Southern California, 1940-1945. Chemistry at La Sierra College since 1936. (On leave, 1946-1947.)
- OLIVE SEVERS-PALMER, B.S., in Lib.Sc. *Librarian*  
A.B., Union College; B.S. in Lib.Sc., University of Southern California. La Sierra College since 1936.
- OTTO RACKER, L.R.A.M. *Professor of Violin*  
L.R.A.M., London Royal Academy of Music, London. Violin, Orchestra, Viola, Cello, ensembles at La Sierra College since 1938.
- K. J. REYNOLDS, Ph.D. *Professor of History*  
A.B., Pacific Union College; M.A., University of Southern California; Ph.D., University of Southern California. History, Political Science at La Sierra College since 1926.
- MABEL CURTIS-ROMANT, A.B., M.O. *Professor of Speech*  
A.B., Emmanuel Missionary College; M.O., Chicago School of Expression and Dramatic Art; graduate work, Catholic University of America, 1936, 1937. Speech at La Sierra College since 1940.



- SHIRLEY DUNBAR-RUSCHE *Instructor in Physical Education*  
La Sierra College, 1941-1944. Physical education at La Sierra College since 1945.
- HAZEL OLESON-SHAFFER, A.B. *Instructor in Elementary Education*  
A.B., Washington Missionary College; graduate work, University of Redlands, 1942. Elementary Education at La Sierra College since 1942.
- ELLEN SHORT, A.B. *Instructor in Piano*  
A.B., Emmanuel Missionary College. Piano at La Sierra College since 1945.
- MAVIS I. SMITH, A.B. *Instructor in Elementary Education*  
A.B., Pacific Union College; graduate work, University of Southern California, 1938. Elementary education at La Sierra College since 1945.
- CHLOE ADAMS-SOFSKY, A.B., B.F.A. *Instructor in Art*  
A.B., Union College; B.F.A., University of Nebraska. Art at La Sierra College since 1945.
- WALTER F. SPECHT, B.Th. *Instructor in Greek and Religion*  
B.Th., Walla Walla College; graduate work, Washington Theological Seminary, 1939, 1940, 1945; University of Chicago, 1945. New Testament Greek and religion at La Sierra College since 1945.
- C. D. STRIPLIN, M.A. *Professor of Secondary Education*  
A.B., Walla Walla College; M.A., University of Southern California; graduate work, University of Washington, 1943-1946. Secondary education at La Sierra College since 1945.
- DAISY DARROW-STURGES, Ped.B. *Instructor in Teacher Training*  
Ped.B., Carnegie. Teacher Training at La Sierra College since 1928.
- JULIAN L. THOMPSON, Ph.D. *Professor of Physics*  
A.B., Pacific Union College; M.S., University of Oklahoma; Ph.D., University of Chicago. Physics at La Sierra College since 1946.
- ALWIN L. TOEWS, A.B. *Instructor in Manual Arts*  
A.B., Pacific Union College; A.B., Fresno State College. Manual Arts at La Sierra College since 1939.
- CLARENCE O. TRUBEY, A.B. *Bandmaster*  
A.B., Pacific Union College; University of Southern California Conservatory of Music, 1942, 1943; graduate work, University of Southern California, 1944, 1945. Bandmaster and instructor in band instruments at La Sierra College since 1945.
- ANNA GIDDINGS-VAN AUSSLE, B.S. *Matron*  
B.S., Walla Walla College. At La Sierra College since 1941.

## FACULTY COMMITTEES

### *Administrative Council*

L. R. Rasmussen, K. F. Ambs, Willeta Carlsen, Mary Champion, W. T. Crandall, Edward Heppenstall, N. L. Parker, K. J. Reynolds.

### *Religious Activities*

Edward Heppenstall, Mary Champion, W. T. Crandall, H. B. Hannum, J. C. Haussler, P. C. Heubach, Varner J. Johns, N. L. Parker, Walter F. Specht.

### *Academic Policies*

K. J. Reynolds, W. J. Airey, Doris Carlsen, Willeta Carlsen, E. S. Cubley, H. B. Hannum, P. C. Heubach, Maybel Jensen, N. L. Parker, C. D. Striplin, Julian Thompson.

### *Curriculum Committee*

K. J. Reynolds, Willeta Carlsen, C. D. Striplin.

### *Industrial Superintendents' Council*

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### *Library*

Mrs. Olive Severs-Palmer, Harlyn Abel, W. E. Anderson, Alice Babcock, E. S. Cubley, J. C. Haussler, C. D. Striplin, Julian Thompson.

### *Personnel and Student Placement*

K. J. Reynolds, Willeta Carlsen, E. S. Cubley, P. C. Heubach, Maybel Jensen, C. D. Striplin, Nursing Instructor.

### *Publications*

K. J. Reynolds, Alice Babcock, Willeta Carlsen, Walter Kennedy, Mrs. Chloe Sofsky.

### *Public Relations Committee*

L. R. Rasmussen, K. F. Ambs, N. L. Parker, K. J. Reynolds.

### *Social Activities*

W. T. Crandall, Margarete Ambs, W. E. Anderson, L. H. Cushman, L. E. Downs, H. B. Hannum, Walter Kennedy, Irene Ortner, N. L. Parker, Mrs. F. E. Romant.





# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all the famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. From the campus can be seen through the winter months the snow-clad peaks of the southern Sierra, rising above the orange groves, giving a rare beauty to the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY. In this building are the administrative and business offices of the college, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and a microfilm room fitted with reading machines and storage cabinets. Built in 1946.

LA SIERRA HALL, once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Studies, and Language Divisions, and the Physics Department. Built in 1923.

SAN FERNANDO HALL contains the teachers' offices, classrooms, and laboratories of the Science Division. Built in 1931.

THE HOLE MEMORIAL AUDITORIUM BUILDING contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

THE DEMONSTRATION SCHOOL, located north of the main campus, combines the functions of a parochial elementary school for the com-

munity and a demonstration school for the Education Division. There are eight schoolrooms, two laboratories, a crafts room, and the office and college classroom of the professor of elementary education. Built in 1927, and enlarged in 1935, 1943, and 1945.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women, and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, the office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and two smaller dining rooms known as the "Club Room" and the "Banquet Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms. Later, offices and classrooms will be added. Built in 1946.

The industrial buildings include one for shop instruction, including wood and metal working equipment, and offices, the La Sierra College Press, the laundry, and the college general store.

The college ranch consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant. Two small citrus groves, an orchard, and vegetable gardens provide supplies for the cafeteria.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the college. A number of students are given employment in the factory.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

La Sierra has been called the most rapidly growing college in the denomination. The first college work was offered in 1923, in teacher training, and the school acquired a name, La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year pre-medical curriculum at La Sierra.

*Accreditation.* Because of the rapidly growing Adventist constituency in Southern California, and because of educational problems and opportunities growing out of the war, La Sierra has been advanced to senior college standing, with the approval of the General Conference of Seventh-day Adventists. The new status became effective with the opening of the fall semester of 1944. La Sierra College is a member of the American Council on Education, and is accredited by the Board of Regents of the General Conference of Seventh-day Adventists, and the Northwest Association of Secondary and Higher Schools. The latter will be asked to accredit the sixteenth or senior year.

*Curricula.* The College has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The College also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medicine, dentistry, dietetics, and nursing, and those preparing for business.



Those who successfully complete a four-year curriculum, after having met the graduation requirements of the college, will be granted the degree of Bachelor of Arts or Bachelor of Science. Those completing a junior college or pre-professional curriculum will be granted an Associate of Arts diploma.

### GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the College is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the biblical specifications of the man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the College have been defined as follows:

1. *Intellectual objectives.* The College seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The College endeavors to lead students to the acceptance and practice of those ethical and moral concepts which



are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The College seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The College endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the functioning and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the College to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that

character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the College for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the College, as listed in the *Student Handbook* (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra have developed from the experience of students and teachers. Each rule and traditional practice is a guide post directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the College.*

As the College retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the College, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

*Guidance.* Formal instruction and teacher-student contacts in the classroom alone fail to meet the needs of the modern student in his studies, in his social life, and in his spiritual development. The school which stops with these formal contacts has failed in its duty to the student. Therefore it is the plan at La Sierra to provide for the guidance of every student under the close personal supervision of a member of the faculty, selected for the purpose by the student himself. These contacts are informal and friendly but are sufficiently constant for the student to know that his welfare is being looked after, his interests sought, and that there are faculty members to whom he may go with his problems. Of course every teacher takes an interest in his pupils. But the counselor's interest includes and coordinates all these other interests. He is interested in the whole welfare and in the whole well-being of the student. Each counselor's list is kept short to insure these contacts which constitute no small part of the spiritual, social, and character building values in the College.

*Residence.* The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the College undoubtedly come to the students who live

on the campus. Therefore, all unmarried students who do not live with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and worthy students who, having made written request to the Board of Trustees, are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the *Student Handbook*.

*Health Service.* It is the purpose of the College to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the College maintains a cafeteria where well prepared food is served, and where an effort is made to educate the students in the selection of well balanced meals.

*The Physical Fitness Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastic and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered the student in training for leadership in organization and in the various student activities.

The *Arts and Letters* and the *Arts and Crafts Guilds*. These are organizations to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The clubs offer opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The objectives of the *Associated Student Body* are to provide for the social, recreational, and promotive interests of the College; and to furnish a point of contact between faculty and students. All students become members of this organization upon registration. The *College Criterion* is the organ of the Associated Student Body.

The aim of the *College Commercial Club* is to foster a spirit of friendliness among the commercial students, to acquaint them with



the various problems which will be met in an office, and to meet representative business men and women; thus forming contacts valuable in business life.

The *Filomena Club* is open to all pre-nursing students. Its aim is to foster an interest in nursing and to acquaint the pre-professional student with some of the trends and current problems in her chosen field.

The *Home Economics Club* is organized for the purpose of fostering Christian ideals with respect to personal and family living and to develop a fuller appreciation of the meaning of gracious manners and healthful living. Membership is open to all students enrolled in courses in the Home Economics Department.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political inter-relations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

The *Language Clubs* meet every week during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in foreign missions, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Music Club* was formed to provide opportunity for self-expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

With a membership of those with some experience and much interest in things photographic, *The Photography Club* serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Radio Club* has for its purpose the increase of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

The *Science Club* is of particular interest to students in the preparatory courses for medicine, dentistry, dietetics, and nursing; and to science majors. Organized as an honor society it is open, by invita-



tion, to those who maintain consistently high standards in scholarship and character. Lectures by visiting scientists and professional men, and visits to places of scientific interest serve to promote an appreciation for scientific progress in relation to one's life work.

*Sigma Phi Kappa* is a women's club similar in purpose to Bu Beta Kappa.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

### PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra.

### MISCELLANEOUS INFORMATION

*The Summer School.* The College conducts two summer sessions of six weeks each. For information please write for the summer sessions *Bulletin*.

*The Preparatory School.* The College has connected with it a fully accredited academy or preparatory school. While this school has a separate organization and teaching staff, it shares with the College the facilities of the latter. For information please write for the *Bulletin* of the La Sierra Preparatory School.

*Communications.* The mail address of the College is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is: Riverside 9180. After 6:00 P.M. during the summer and 9:30 during the school year and on Sabbath (Saturday) call the following numbers: President, Riverside 9264; Manager, Riverside 9760-J-1; Men's Home, Riverside 9261; Women's Home, Riverside 9267.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.



## FINANCIAL INFORMATION

### ESTIMATE OF SIXTEEN WEEK SEMESTER EXPENSE

Tuition (16 semester hours).....	\$130.00
Room rent (two in room)	
Mu Beta Kappa and Gladwyn.....	55.00
Board (average).....	88.00
Entrance Fee.....	15.00
Average expenses for the semester.....	\$288.00
(The two-session summer semester will average).....	\$250.00

The above does not include books, laboratory fees, nor private lessons in music and speech. The cost of books varies with different courses, from \$15.00 to \$25.00 a year. For laboratory fees and private music lessons, see the schedule on the following pages.

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

*All charges and deposits are payable in advance.* At the time of enrollment all students are required to make certain payments to the treasurer as part of their registration. These payments consist of an entrance fee and a guarantee deposit.

*The entrance fee* is \$15.00 per semester, payable at the beginning of each semester, and covers the cost of registration, use of the library, health service, Lyceum course, aptitude tests, student body membership, a subscription to the school paper and yearbook. Students who attend one semester only are not entitled to a yearbook unless they are willing to pay an additional fee of \$1.50. Day students do not pay health service fee and therefore their entrance fee is only \$13.00 per semester.

*The guarantee deposit* is \$65.00 for resident (boarding) students and \$30 for non-boarding or day students. This deposit takes the place of the advance charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. Students registering after the regular registration days must pay a fee of \$5.00.

The above items are payable by all students. Each student who enrolls in one or more chemistry or photography courses is required, in addition to the above, to purchase for cash, at the time of enrollment, one breakage ticket. For students in Chemistry for Nurses, and photography, the price of the ticket is \$5.00. For those enrolling in

all other chemistry courses, the price is \$10.00. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

To summarize, the following cash payments are required to be made as a part of the registration procedure:

	Liberal Arts Students	Pre-nursing Students	Other Chem. Students
<b>Boarding Students:</b>			
Guarantee Deposit.....	\$65.00	\$65.00	\$65.00
Entrance Fee.....	15.00	15.00	15.00
Breakage Ticket.....		5.00	10.00
Total .....	\$80.00	\$85.00	\$90.00
<b>Non-Boarding Students:</b>			
Guarantee Deposit .....	\$30.00	\$30.00	\$30.00
Entrance Fee.....	13.00	13.00	13.00
Breakage Ticket.....		5.00	10.00
Total .....	\$43.00	\$48.00	\$53.00

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the total above. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the College on or before September 1.

## TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$10.00	8 .....	\$ 80.00
2 .....	20.00	9 .....	90.00
3 .....	30.00	10 .....	100.00
4 .....	40.00	11 .....	110.00
5 .....	50.00	12 .....	120.00
6 .....	60.00	13-16 .....	130.00
7 .....	70.00	17 .....	140.00
		18 .....	150.00

The above tuition charges are payable in four installments as follows: October 31, November 30, December 31, and January 31, first semester. Second semester charges are payable on the following dates: February 28, March 31, April 30, May 31. Summer session charges are payable at the end of each calendar month.



Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

Adjustments on tuition will be made only at the end of each calendar month. Tuition is payable to the end of the month in which classes are dropped.

### ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$13.75 per month
Angwin Hall and Calkins Hall.....	14.75 per month
Special rooms in Angwin Hall.....	16.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the College, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The health service fee applies towards the expenses of maintaining a nursing staff in the College, and includes a limited amount of simple treatments and general health examinations, but does not include doctor's fees, prolonged nursing or special electric light treatments.

### PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$24.00 per semester for one lesson a week; \$40.00 per semester for two lessons a week. Single lessons are \$2.00 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up at his earliest convenience. Less than eight lessons per semester will be charged at the single lesson rate.

### FEES AND RENTALS

#### *Application Fee*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or

academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Science Laboratory Fees*

	Semester Per		Semester Per
Anatomy and Physiology.....	7.50	Microtechnique .....	5.00
Animal Ecology.....	5.00	Photography .....	5.00
Biochemistry .....	7.00	Plant Anatomy .....	5.00
Biological Science Survey....	3.00	Plant Ecology.....	5.00
Chemistry for Nurses.....	5.00	Plant Physiology.....	5.00
Comparative Anatomy.....	10.00	Physical Chemistry.....	6.00
Electrical Measurements.....	5.00	Physical Science Survey.....	3.00
Electronics .....	5.00	Optics .....	5.00
Elementary Photography.....	10.00	Organic Chemistry.....	7.00
General Chemistry.....	6.00	Qualitative Analysis.....	10.00
General Physics.....	7.50	Quantitative Analysis.....	10.00
General Zoology.....	\$ 7.50	Tests and Measurements.....	1.00
Methods .....	10.00	Vertebrate Anatomy.....	10.00
Microbiology .....	7.50	Vertebrate Embryology.....	10.00

### *Fine Arts—Music*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not.

A Cappella Choir  
Chapel Choir  
Glee Clubs  
Orchestra  
Band

All *Visual Arts* courses carry a laboratory fee of \$2.50 per semester each.

### *Applied Arts and Sciences*

	Per Semester
Home Economics:	
Foods and Cookery.....	\$5.00
Home Economics Methods.....	2.50
Interior Decorating.....	2.50
Everyday Art.....	1.00
Schoolroom Crafts.....	3.50
All Clothing Classes.....	2.50
Business Machines.....	3.50

All Printing classes pay a laboratory fee of \$3.00 each semester.

All Shop laboratories are charged a fee of \$2.50 each semester, except as indicated.

*Health and Physical Education*

	Per Semester
Physical Education.....	\$2.00
Medical Cadet Corps.....	2.00
(Subject to change)	

*Rentals*

	Per Month
Typewriter, one period per day.....	\$1.50
Typewriter, two periods per day.....	2.50
Music Rentals	Per Semester
Practice Room, one hour a day.....	\$ 5.00
Practice Room, two hours a day.....	8.00
Pipe Organ, Estey, two hours a week.....	14.00
Pipe Organ, Wurlitzer, three hours a week.....	14.00
Hammond Organ, two hours a week.....	6.00
Hammond Organ, three hours a week.....	9.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35
Hammond Organ.....	.25

*Special Fees*

Permit for each special examination.....	\$2.00
Change of class after two weeks.....	1.00
Degree .....	5.00
Diploma—Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration.....	5.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge per month for men is \$20.00; for women \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the College, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**DISCOUNTS**

When three or more students from the same family attend the school simultaneously a discount of ten per cent is allowed on tuition, providing the monthly bills are paid promptly. No other discounts are allowed.

## REFUNDS

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. After thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit of \$65.00 will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

## THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the College such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

## COLLEGE BOOK STORE

Books, school supplies, and stationery are sold in the College Store. These supplies are sold for cash, unless a deposit for the purpose has been set up in the business office of the College.

## MISCELLANEOUS FINANCIAL INFORMATION

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the month in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the Dean.

Laboratory fees, as determined by the instructor and the business manager, will be charged for the use of laboratories or materials to complete unfinished work.

Students whose accounts are unpaid at the time of graduation may not participate in any graduation exercise. If it is necessary to



settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the College are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The College reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## LABOR FOR STUDENTS

In order to obtain a well-balanced education, and to assist in defraying expenses, each student residing on the campus is required to perform eight hours of labor each week in some department of the school, at such time and place as the management may indicate. In addition to the work above mentioned the College is glad to give available work to home students who are willing, efficient, trustworthy, and conscientious.

It is specifically stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Such credits remaining unused for two years automatically revert to the College. Labor credits cannot be transferred to any person other than a brother or a sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public* 16, 78th Congress, 1943), and the Servicemen's Readjustment

Act (the "G. I. Bill," *Public* 346, 78th Congress, 1944). Veterans who are unfamiliar with these aids should write to the College for information.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the College. Details of such scholarships should be obtained from the business office before the student begins work.

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) Character, (2) Citizenship Reputation, (3) Scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the College at least thirty days before the student desires to enter. *Under no circumstances should a student come to the College before he has had formal notice of acceptance by the Admissions committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or on the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the Dean of the College.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies

on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the Dean, or they may obtain information from the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the Dean, or from the board office in Sacramento.

*Admission to Freshman Standing.* Sixteen units of credit from high school, with a grade average of "C" is the normal basis for admission to freshman standing. More specifically, the student should fulfill the requirements in one of the three following patterns:

1. *By certificate of graduation* from an accredited secondary school, with units of credit distributed as follows:

(a) English, three units.

(b) Mathematics, two units. This must consist of one unit each of Algebra and Geometry.

(c) History, one unit. This must be a unit of either American History or Civics, or a unit made up of the two.

(d) Science, one unit. This must be a unit in one field, and must be a third or fourth year course with laboratory.

(e) Foreign language, two units, in the same language.

(f) An additional unit from the following: a third year of the (e) language, a third year in mathematics, a second year of science, or two units of a second language.

(g) Religion, one unit for each year spent in a Seventh-day Adventist secondary school, to the extent of four units, or, one unit of social studies.

2. *By standard examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies committee. Such examinations should be taken before the student completes his registration.

3. *On superior scholarship.*

(a) A student with sixteen secondary credits who ranks in the upper tenth of his class, who has not more than two subject deficiencies



in the required list, none of them prerequisite to his college curriculum, may be admitted to freshman standing.

(b) A student with sixteen credits, of which twelve in the tenth, eleventh, and twelfth years have "A" or "B" grades, may be admitted to freshman standing with not more than two entrance deficiencies in non-essential fields.

The same entrance requirements hold for junior college curricula, except as they may vary to meet the entrance requirements of professional schools, or as stated in the curriculum section of this BULLETIN.

Entrance deficiencies should be removed before a regular program of college studies is undertaken, the student meanwhile being classified as "special." In some instances deficiencies may be removed on the college level, at the rate of six semester credit hours for each unit, except in foreign language, in which case a deficiency of two high school units may be removed by taking an eight-hour beginning college course in a modern foreign language.

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore standing after successfully completing twenty-eight semester hours, to junior standing after successfully completing sixty hours if he has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of his junior year. After completing ninety-six semester hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the Registrar for degree candidacy. No credits with grade below "C" will be counted in classifying a student.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the Dean is satisfied that their maturity and scholastic background merit admission.

They will be restricted, however, to lower division classes. Whenever such a student has earned credit which entitles him to full standing this will be accorded him.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* Freshmen (students with less than twenty-eight semester hours of credit) must be at the College for the full program of the Freshman Days. (See Calendar, page 7.) Otherwise registration may be delayed and unsatisfactory. Other students, regardless of classification, who have never taken college entrance psychological tests or placement examinations are also asked to be present on Freshman Days. Other students are urged to be present for the regular registration days.

Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the President or Dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or one week of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra for whom aptitude and placement scores are not available, are required to take such tests before registering, on the days designated as Freshman Days. The College reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and physical education, except by previous arrangement with the Registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a "C" level or above must be maintained in all classes. The student will be asked to drop classes not kept up to standards. It is not the policy of the College to permit the carrying of more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies during the first two weeks of a regular semester with the consent of the instructor, personal adviser, and college Dean.

Courses may be dropped during the first four weeks on the same basis. After the first four weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the Dean.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a permit secured from the manager, for which he is authorized to collect a fee of one dollar.

*Scholarship Reports.* Cards showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only by permission from the manager.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the College, without securing permission in advance from the Dean. No such permission can be granted for courses in the upper biennium. Credits earned in violation of this regulation will not be honored by the College. Credits earned by correspondence after failure in the same course at La Sierra, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the College. Tutoring service is arranged by the staff, with the consent of the Academic Policies committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the Federal Bureau of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. Absence lists are posted daily, and it is the responsibility of the student to see that errors in the records are corrected. A leave of absence does not excuse from any college classes. For further information as to attendance regulations the student is referred to the *Student Handbook*.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or two fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (Excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (Failure or WF).....	minus 1
E (warning) (No grade higher than "D" in the course for the semester.)	
I (incomplete) (Becomes a failure if not removed within six weeks after being reported on the grade card.)	
Wp (withdrew passing)	
Wf (withdrew failing)	



# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including baccalaureate degrees. The College confers the degrees of Bachelor of Arts and Bachelor of Science.

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies committee, in which the liberal arts pattern is not consistently followed.

The College also grants certificates to students completing junior college pre-professional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium.

## COMPREHENSIVE EXAMINATIONS

Each candidate for a degree will be given a comprehensive examination, under the direction of his major professor and within the dates published in the calendar of his senior year. The examination, a part of which may be oral, will be given in two parts of approximately three hours each, on two consecutive days. Any substitute arrangements made by a member of the teaching staff must have the previously given approval of the Academic Policies committee.

## THE BACCALAUREATE DEGREES

*The General Requirements:*

1. A total of 128 semester credit hours, of which forty must be in the upper biennium.
2. Honor points equal to the total number of credit points, that is, a minimum over-all average of "C."
3. Approval of each candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.
4. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department, approval in writing to be filed in the office of the registrar. No grade below "C" may be counted on either the major or the minor.
5. The residence requirement for degree candidates may be met by attending for two consecutive semesters with a minimum of twelve credit hours each semester. Of the forty required hours in the upper biennium, twenty-four must be earned at La Sierra during the period of candidacy. No credit will be given for freshman courses taken in the senior year, except by permission from the Academic Policies committee.
6. The candidate has the choice of graduating according to the standards of his junior or senior year.

*Basic Requirements:*

1. Applied or Industrial Arts: six hours.
2. Education or Psychology: three hours.
3. English: twelve hours including English Composition; may include four hours of Speech or Journalism; must include two hours of Literature.
4. Foreign Language: fourteen hours; reduced by two hours for each secondary unit up to two of a language other than that studied on the college level; reduced by four hours for each secondary language unit up to two units, when the college and high school credits are in the same language.
5. Health: six hours, which may include a maximum of four hours in Physical Fitness or its equivalent. All freshmen and sophomores are required to enroll in Physical Fitness classes.

6. History: a six-hour course in one field.

7. Political Science: two hours in the American Constitution. This requirement may be waived when six hours of American History are presented, in which case two additional hours must be taken, either in History or Political Science.

8. Problems of College and Life: one hour, taken in the first freshman semester.

9. Religion: fourteen hours, exclusive of Bible Survey, and including four hours in Daniel and the Revelation and four hours in Bible Doctrines. Six hours must be in the upper biennium.

10. Science and/or Mathematics: fourteen hours; reduced by three hours for each unit of secondary science to the student's credit, to a total of two units.





## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1947-1948, those without this mark will be offered in 1946-1947 if in sufficient demand. The college reserves the right to withdraw a lower biennium class offering for which less than ten students have registered.

Courses carrying odd numbers and the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Courses carrying even numbers, and those with odd numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered from 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who have earned a minimum of sixty credit hours and who otherwise qualify for studies in the upper biennium.

The divisions are:

- I. RELIGION AND COGNATE STUDIES
- II. SOCIAL STUDIES
- III. LANGUAGE
- IV. SCIENCES AND MATHEMATICS
- V. FINE ARTS
- VI. EDUCATION
- VII. BUSINESS
- VIII. APPLIED ARTS
- IX. HEALTH AND NURSING



# DIVISIONS OF INSTRUCTION

## I

### RELIGION AND COGNATE STUDIES

PAUL C. HEUBACH, *Chairman*

J. CECIL HAUSSLER

EDWARD HEPPENSTALL

VARNER J. JOHNS

WALTER F. SPECHT

*Major Requirements:* No general major is offered in religion or the related fields. The program of studies for ministerial students, totaling one hundred forty hours, takes the place of the usual major pattern, and with an appropriate minor includes all the requirements for a standard baccalaureate degree.

*Minor Requirements:* 18 hours, including the basic requirements in religion and one of the Spirit of Prophecy courses. A minimum of 9 hours must be in the upper biennium.

#### RELIGION

##### 1a,b BIBLE SURVEY

A survey course in Old and New Testament History touching God's dealings with His people through the ages and stressing the essential features of His plan of salvation. Open only to students not having had either Old or New Testament history in the secondary school. This course may not be applied toward a major in religion. *Mr. Haussler.*  
Four Hours

##### 2a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. Required of all students who will become candidates for degrees. *Mr. Haussler.*  
Two Hours

##### 4b REVELATION

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. Required of all students who will become candidates for degrees. *Mr. Haussler.*  
Two Hours

##### 5ab LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs. *Mr. Specht.*  
Four Hours

## 51ab BIBLE DOCTRINES

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 115ab required of all students who will become candidates for degrees. *Mr. Heubach.* Six Hours

## 54b SPIRIT OF PROPHECY

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only. *Mr. Haussler.* Two Hours

## 56a EVIDENCES OF CHRISTIANITY

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical and scientific fields. *Mr. Johns.* Two Hours

## 101ab NEW TESTAMENT EPISTLES

An exegetical study of the Epistles of the New Testament with special emphasis on the great truths and historical background. The Pauline Epistles and their fundamental doctrines will receive special attention. *Mr. Heppenstall.* Six Hours

## 104a DANIEL

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. *Mr. Heppenstall.* Two Hours

## 106b REVELATION

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon those prophecies that pertain to the final movements. *Mr. Heppenstall.* Two Hours

## 108a OLD TESTAMENT PROPHETS I

A study of the prophets up to and including the eighth century B.C., their times and their messages. Emphasis will be placed upon their Messianic prophecies and promises, and God's dealings with Ancient Israel and Judah and the nations of the time, with lessons for our day. *Mr. Heubach.* Three Hours

## 110b OLD TESTAMENT PROPHETS II

A study of the prophets of the seventh century B.C., and later. Same emphasis as Old Testament Prophets I. *Mr. Heubach.* Three Hours

## 112a GIFT OF PROPHECY

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. *Mr. Haussler.* Two Hours

## 113ab SYSTEMATIC THEOLOGY

A detailed exegetical and philosophical study of the great fundamentals of the gospel as they are bound up with personal religion and denominational theology. *Mr. Heppenstall.* Four Hours

## 115ab FUNDAMENTALS OF FAITH

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51ab required of all students who will become candidates for degrees. *Mr. Haussler.* Four Hours



## APPLIED THEOLOGY

## 58b JUNIOR EVANGELISM

The study and practice of dealing with children in bringing them to Christ. A consideration of methods and principles which are of value to parents, teachers, ministers, Sabbath School workers, and all interested in saving our juniors. *Mr. Heubach.*

Two Hours

## 114a PERSONAL EVANGELISM

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings. This course is designed especially to develop the art of personal service. *Mr. Heubach.*

Prerequisite: 51ab.

Two Hours

## 116b PASTORAL COUNSELING

Christian Psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. *Mr. Heppenstall.*

Two Hours

## 118b BIBLE INSTRUCTOR EVANGELISM

A study of the work of the Bible instructor in connection with evangelism. The methods of the Master Teacher are considered. How to win individuals to Christ and establish them in the faith will be studied, as well as miscellaneous problems in connection with the ministry. *Mr. Specht.*

Two Hours

## 119ab HOMILETICS

Training in platform personality and sermon construction and delivery. The course also includes a comprehensive survey of ministerial ethics, church worship and organization. How to conduct such special services as baptisms, the Lord's Supper, weddings and funerals will also be studied. *Mr. Heppenstall.*

Six Hours

## 121ab PUBLIC AND FIELD EVANGELISM

The study and practice of planning, preparing, organizing advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. For this purpose the college has a portable tabernacle and equipment. *Mr. Heubach.*

Prerequisites: 51ab, 114a, and 119ab.

Four Hours

## 122b CHURCH POLITY

The problems of organization and procedure of the Seventh-day Adventist denomination in its world-wide scope are dealt with in this course. Careful and detailed study is made of the organization of the local church and up through the General Conference, with all their departments. *Mr. Specht.*

Two Hours

## HISTORY OF RELIGION

## 52a DENOMINATIONAL HISTORY

This course includes a brief survey of God's true church from apostolic times, with emphasis on the origin and progress of the remnant church. *Mr. Haussler.*

Two Hours

## 102a ARCHAEOLOGY

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. *Mr. Heppenstall.*

Two Hours

**103ab HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian Church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, and the origin of modern denominations.  
*Mr. Haussler.* Six Hours

**120a SURVEY OF MISSIONS**

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. *Mr. Haussler.* Three Hours

**124b MANUSCRIPTS OF THE BIBLE**

A course showing God's particular care in preserving MSS. and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. *Mr. Johns.* Two Hours

**126a MODERN DENOMINATIONS\***

A study of the origin, history and plan of organization of the important denominations of modern times, including also a comparative study of their major doctrines. Attention will be given to the present day trend toward church federation as it fulfills prophecy. Two Hours

**128b WORLD RELIGIONS**

An examination of the major "living" religions of today with special notice of their origin, founders, and basic teachings with the purpose of ascertaining how best to present the gospel to them. The latter part of the course is given over to a comparison of the religions studied. *Mr. Haussler.* Three Hours

**BIBLICAL LANGUAGES****7ab BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John. *Mr. Specht.* Eight Hours

**55ab INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament. *Mr. Specht.* Six Hours

**129ab GREEK EXEGESIS\***

Reading and exegetical study of the Greek text of several New Testament Epistles: an introduction to the materials and methods of exegesis. Six Hours

**131ab BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis. *Mr. Specht.* Six Hours

**132a (or b) ADVANCED HEBREW**

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and Psalms. *Mr. Specht.* (As arranged)

**199 PROJECTS AND TOPICS IN DIVISION I. Staff.**

Two-Four Hours

## PROGRAM OF STUDIES FOR MINISTERIAL STUDENTS

<i>First Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Life and Teachings.....	2	2
English Composition.....	3	3
Greek I.....	4	4
Science.....	3	3
Fundamentals of Speech.....	2	2
Applied Arts.....	(1)	2
College Problems.....	1	
Physical Fitness.....	1½	1½

<i>Second Year</i>		
Bible Doctrines.....	3	3
European Civilization.....	3	3
Greek II.....	3	3
Elements of Music.....	2	
Conducting I.....		2
Education.....	3	
U. S. Constitution.....		2
Denominational Finance.....		2
Applied Arts.....	2	2
Physical Fitness.....	1½	1½

<i>Upper Biennium</i>	<i>Hours</i>
Church History.....	6
Daniel and Revelation (UD).....	4
Epistles.....	6
Gift of Prophecy.....	2
Literature.....	2
Personal Evangelism and Pastoral Counseling.....	4
Persuasive Speech.....	3
Philosophy of Science.....	3
Physiology, Advanced.....	4
Prophets.....	6
Research Technique.....	2
Voice and Diction.....	2

Choice of one of the following groups.

A. For Pastors and Evangelists:	
Church Polity.....	2
Homiletics.....	6
Public Evangelism.....	4
Systematic Theology.....	6
B. For Bible Teachers:	
Bible Documents.....	2
Biblical Languages.....	6
Systematic Theology.....	6
C. For Foreign Missionaries:	
Church Polity.....	2
Industrial Arts.....	6
Survey of Missions.....	3
World Religions.....	3

Electives to total 140 hours.

## II

## SOCIAL STUDIES

K. J. REYNOLDS, *Chairman*

W. J. AIREY

MAYBEL JENSEN

C. D. STRIPLIN

DAISY STURGES

*Major Requirements:* 30 hours, of which a minimum of 15 hours must be in the upper biennium. Required courses: European Civilization, American History to 1860 and Since 1860, Comparative Government or Europe Since 1914, and Research Technique. The required course in U. S. Constitution may not be counted toward the major.

*Minor Requirements:* 18 hours, with a minimum of 9 hours in the upper biennium.

## HISTORY

## 41ab EUROPEAN CIVILIZATION

A history of European culture from the beginning of the Christian era to the War of 1914-1918. *Mr. Striplin.* Six Hours

## 50b ECONOMIC DEVELOPMENT OF EUROPE\*

A study of the economic and social progress of the European peoples is necessary for the student of economics and business, as it forms the background of our own American economic progress and development. Special stress is laid upon the development of agriculture, industry, commerce, transportation, labor organizations, and the economic effects of World War I. Three Hours

## 52a ECONOMIC DEVELOPMENT OF THE UNITED STATES

The economic history of the United States, beginning with the European background and the colonial period; the development of agriculture, industry, commerce, transportation, labor organizations. *Staff.* Three Hours

## 90a AMERICAN HISTORY TO 1860

The colonial period, Revolutionary War, the development of American political institutions, and national expansion. *Mr. Airey.* Three Hours  
(Upper division credit by arrangement.)

## 92b AMERICAN HISTORY SINCE 1860

The Civil War, reconstruction, imperialism, the United States as a world power. *Mr. Airey.* Three Hours  
(Upper division credit by arrangement.)

## 101a,b BRITISH CIVILIZATION\*

England and the Commonwealth from early times to the present. Four Hours

## 103a,b THE LATIN AMERICAN NATIONS

The period of discovery and conquest, wars of independence, state building, and Latin America in the modern world. *Mr. Reynolds.* Four Hours



## 104a THE ANCIENT WORLD

The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history. *Mr. Airey.* Two Hours

## 106b THE ROMAN WORLD

The Republic and Empire to the Fall of Rome. *Mr. Airey.* Two Hours

## 108a MEDIEVAL EUROPE\*

The decline of the Empire and the rise of the Germanic kingdoms and of the Papacy, feudalism. Three Hours

## 110a THE RENAISSANCE

An intensive study of the economic, literary and artistic developments of the period. *Mr. Airey.* Two Hours

## 112b THE REFORMATION\*

The revolt against Rome and medievalism, and the rise of the Protestant Church. Two Hours

## 114a FRENCH REVOLUTION

The social and political forces of the era of revolution to 1815. *Mr. Reynolds.* Three Hours

## 116b THE NINETEENTH CENTURY\*

The political, economic and cultural changes in Europe from 1815 to 1914. Three Hours

## 118b EUROPE SINCE 1914

Post-war problems and the attempts to create new world orders. *Mr. Reynolds.* Two Hours

## 120b THE UNITED STATES SINCE 1914\*

A social and political history of the period between the wars. Three Hours

## 122a CALIFORNIA IN THE SPANISH PERIOD\*

The age of exploration and settlement. Two Hours

## 124b CALIFORNIA IN THE AMERICAN PERIOD\*

American penetration, statehood, boom days, present state and problems. Two Hours

## GEOGRAPHY

## 2b PRINCIPLES OF GEOGRAPHY

The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship. *Mrs. Sturges.* Two Hours

## ORIENTATION

## 2a PROBLEMS OF COLLEGE AND LIFE

Educational and vocational planning, study methods, analysis of interests and aptitudes, social problems. Required of first year college students. *Staff.* One Hour

## 4b FAMILY LIVING

Courtship and Marriage in relation to Christian living. *Staff.* One Hour

## POLITICAL SCIENCE

## 56a AMERICAN NATIONAL GOVERNMENT\*

Typical political institutions of the American national government and its branches. Two Hours

## 58b THE AMERICAN CONSTITUTION

The origin and development of the fundamental law.  
*Mr. Reynolds.* Two Hours

## 126a COMPARATIVE GOVERNMENT\*

An analysis of contemporary political forms. Two Hours

## PSYCHOLOGY

## 6a GENERAL PSYCHOLOGY

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major.) *Miss Jensen.* Three Hours

EDUCATIONAL PSYCHOLOGY, see Education Division.

## RESEARCH TECHNIQUE

## 190a RESEARCH TECHNIQUE

Prerequisite to the 199 courses in this and the Religion division.  
*Mr. Reynolds.* Two Hours

## SOCIOLOGY

## 62b FUNDAMENTALS OF SOCIOLOGY

An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems. *Miss Jensen.* Three Hours

199 PROJECTS AND TOPICS IN DIVISION II. *Staff.*

Two-Four Hours

## III

## LANGUAGE

W. J. AIREY, *Chairman*

MARGARETE AMBS

ALICE BABCOCK

OLIVE SEVERS-PALMER

MABEL CURTIS-ROMANT

ELLEN SHORT

## ENGLISH

*Major Requirements:* 30 hours, with a minimum of 15 hours in the upper biennium (in addition to English Composition) including: English Literature to 1800, English Literature Since 1800, American Literature to 1830, American Literature Since 1830. From the Division of Social Studies English History is required, American History is recommended.

*Minor Requirements:* In addition to English Composition, a writing course above the freshman field; 18 hours including English Literature to 1800 and Since 1800, American Literature to 1830 and Since 1830, with a minimum of 9 hours in the upper biennium.

## ENGLISH LITERATURE

## 50a ENGLISH LITERATURE TO 1800

A chronological study of English literature to 1800 with emphasis on major writers and movements. *Miss Babcock.* Three Hours

## 52b ENGLISH LITERATURE SINCE 1800

An examination of the outstanding authors and works of the Romantic, Victorian, and Modern periods. *Miss Babcock.* Three Hours

## 100a AMERICAN LITERATURE TO 1830

The early writers in American literature. *Mr. Airey.* Two Hours

## 102b AMERICAN LITERATURE SINCE 1830

The Romantic and modern writers with special emphasis on literary backgrounds. *Mr. Airey.* Two Hours

## 104b ELIZABETHAN LITERATURE

A study of the literary masterpieces of the Elizabethan period. *Miss Babcock.* Three Hours

## 106a THE ROMANTIC PERIOD\*

A study of the literary ideals of Wordsworth, Coleridge, Scott, and Southey. Two Hours

## 108b THE ROMANTIC PERIOD II\*

An examination of the works of Byron, Shelley, and Keats. Two Hours

## 110a MASTERS OF AMERICAN LITERATURE\*

An intensive study of the life and works of Irving, Emerson and related authors. Two Hours

## 112b MASTERS OF AMERICAN LITERATURE II\*

The life and works of Whitman, Mark Twain, and other masters.  
Two Hours

## 114a MILTON AND THE SEVENTEENTH CENTURY

The life and poetical works of John Milton. *Staff*. Two Hours

## 116b MILTON AND THE SEVENTEENTH CENTURY

Milton's Prose works; other writers of the century. *Staff*. Two Hours

## 118a TENNYSON AND HIS AGE

A careful study of the age and works of Tennyson.  
*Mr. Airey*. Two Hours

## 120b BROWNING

The background and works of Robert Browning. *Mr. Airey*. Two Hours

## 152a CONTEMPORARY AMERICAN LITERATURE

The works of contemporary American authors. *Miss Short*. Two Hours

## 154b CONTEMPORARY ENGLISH LITERATURE

The works of contemporary English authors. *Miss Babcock*. Two Hours

## 158a BIBLICAL LITERATURE

A study of the literature of the Christian Bible. *Miss Babcock*.  
Three Hours

## WRITING

## 1ab ENGLISH COMPOSITION

The fundamentals of composition and current standard English.  
*Staff*. Six Hours

## 51ab NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper mechanics. *Mr. Crandall*.  
Prerequisite: 1ab Four Hours

## 122a MAGAZINE ARTICLE WRITING\*

A study of the magazine article and the requirements for publication offering practical experience in writing articles suitable for publication.  
Two Hours

## 124b FEATURE WRITING\*

A practical study of the various types of magazine feature articles providing experience in writing selected types of features. Two Hours

## 125a,b NEWS EDITING

Practical experience in editorial work on the campus publications. *Staff*.  
Prerequisite: 51ab. Two Hours

## 127b CREATIVE WRITING

A study of the various types of writing, with emphasis on vigor, beauty, and personality in style. *Miss Short*. Two Hours

## 128a THE FAMILIAR ESSAY

A study of the essay, its mechanics, its writing, and the works of famous essayists offering opportunity to write the various types of essays.  
*Miss Short*. Two Hours

## 130b GRAMMAR AND LINGUISTICS

A study of present-day grammar. *Miss Babcock*. Three Hours



## SPEECH

## 3ab FUNDAMENTALS OF SPEECH

The principles of correct speech are studied, and special attention is given to tone drills, articulation, and proper poise and use of the body. *Mrs. Romant.*

Four Hours

## 4a PUBLIC PROCEDURE

A study of the principles and the practice of parliamentary usage. Students are taught to conduct business meetings with ease. *Mrs. Romant.*

Two Hours

## 6b VOICE AND DICTION

A consideration of principles underlying the correct use of the voice and the elimination of speech defects. *Mrs. Romant.*

Two Hours

## 8a STORYTELLING

Presents the possibilities and technique of storytelling, with classroom experience in the reproduction of stories. *Staff.*

One Hour

## 91a,b SPEECH CHOIR

Interpretation through choral reading develops appreciation of poetry and many Biblical passages. It trains the individual in accurate, distinct speaking habits. The student may earn upper division credit by doing extra work. *Mrs. Romant.*

Two Hours

## 132a ORAL INTERPRETATION

A study of the principles underlying interpretative work. A cultural aim is sought through the study and appreciation of the best in literature. *Mrs. Romant.*

Three Hours

## 134b ORAL INTERPRETATION II

A study of standard selections and their interpretation, with suggestions as to the correct manner of public presentation in a unified and spontaneous response of body and voice. Program building is also studied. *Mrs. Romant.*

Three Hours

## 136a RADIO SPEAKING

Both the theory and practice of radio broadcasting are studied. A public address system and recording machine make the work of this class practical. *Mrs. Romant.*

Prerequisite: 6b.

Two Hours

## 140b METHODS IN SPEECH TEACHING

Methods of teaching speech in secondary schools from the viewpoint of theory and practice. *Mrs. Romant.*

Two Hours

## 142b PERSUASIVE SPEAKING

A study of the art of persuasion and its influence upon behavior. Various forms of discussion, such as the panel and the open forum, are studied and used. *Mrs. Romant.*

Three Hours

## PRIVATE LESSONS IN SPEECH

Emphasis is placed upon beautiful tones based upon breath control and the proper use of the organs of speech. This course is beneficial to both speaker and singer. *Mrs. Romant.*

One lesson a week as arranged (time by appointment).

One Hour

## LIBRARY SCIENCE

## 59ab LIBRARY SCIENCE

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student. *Mrs. Palmer.* Four Hours

## MODERN FOREIGN LANGUAGES

## FRENCH

*Major Requirements:* 30 hours above Beginning French, with 18 semester hours of upper biennium courses. The latter courses must include A Survey of French Literature, French Phonetics, Advanced Syntax and Grammar, French Literature of the Nineteenth Century. English Literature to 1800, English Literature Since 1800, and European History Survey are required as collateral courses. Methods in Language Teaching is required for teaching majors.

*Minor Requirements:* 18 hours above Beginning French with at least 9 semester hours in the upper biennium. Teaching minors are required to study Education Methods, and Voice and Diction.

A student with one unit of high school credit in French must enroll for the second semester of Beginning French; with two units of high school French he must enroll for both semesters of Intermediate French; with three units of French he must enroll for the second semester of Intermediate French; and with four units of French he is ready for Elementary French Composition and Conversation.

## 5ab BEGINNING FRENCH

An introductory study of grammar, pronunciation, reading, composition and oral practice. *Miss Ambs.* Eight Hours

## 53ab INTERMEDIATE FRENCH

A continuation of 5ab. A grammar review with readings from standard French authors. *Miss Ambs.*  
Prerequisite: 5ab, or equivalent. Six Hours

## 55ab ELEMENTARY FRENCH CONVERSATION

For students who desire to gain proficiency in speaking. May be taken concurrently with 53ab. *Miss Ambs.*  
Prerequisite: 5ab, or equivalent. Four Hours

## 57a,b READING OF FRENCH AUTHORS\*

Designed to give practice in reading. For those wishing to study French Literature.  
Prerequisite: 53ab. Four Hours

## 101a,b ADVANCED FRENCH COMPOSITION AND CONVERSATION

Continuation of 55ab. *Miss Ambs.*  
Prerequisite: 53ab. Four Hours

## 103a,b A SURVEY OF FRENCH LITERATURE

The main current of French Literature from the Chanson de Roland to the end of the eighteenth century. *Miss Amb.*

Prerequisite: 53ab.

Six Hours

## 144a FRENCH PHONETICS\*

Practice in phonetic transcription and pronunciation.

Prerequisite: 53ab.

Two Hours

## 145ab ADVANCED FRENCH SYNTAX AND GRAMMAR\*

A prerequisite for majors and all teaching minors.

Four Hours

## 146b FRENCH CIVILIZATION

A study of the customs and culture of France and their contribution to world culture. *Miss Amb.*

Prerequisite: 53ab.

Two Hours

## 147ab FRENCH LITERATURE OF THE NINETEENTH CENTURY\*

A study of French Literature beginning with the year 1800 to the contemporary writers.

Prerequisite: 53ab.

Four Hours

## SPANISH

*Minor Requirement:* 18 hours, 10 of which must be in the upper biennium. A minor should study English Literature and European History Survey. A teaching minor should take Elementary Composition and Conversation, Advanced Spanish Composition and Conversation, A Survey of Spanish Literature, and Advanced Syntax and Grammar. Methods in the teaching of a language is also required of a minor.

A student with two units in high school should enroll in both semesters of Intermediate Spanish; with three units in high school in Intermediate Spanish, second semester; and with four units in high school, in Elementary Composition and Conversation.

## 31ab INTERMEDIATE SPANISH

A review of grammar with readings on the life and customs of Spanish speaking countries. *Miss Amb.*

Prerequisite: Beginning Spanish in college or equivalent.

Six Hours

## 33ab ELEMENTARY COMPOSITION AND CONVERSATION

Designed for the Spanish student wishing proficiency in speaking and writing Spanish. Not a substitute for 61ab. May be taken concurrently with 61ab. *Miss Amb.*

Four Hours

## 149ab ADVANCED SPANISH COMPOSITION AND CONVERSATION

A continuation of 63ab. Required of teaching minors. *Miss Amb.*

Prerequisite: 61ab.

Four Hours

## 150a SPANISH CIVILIZATION\*

A study of the culture of Spain and its influence on the cultures of the world.

Prerequisite: 61ab.

Two Hours

## 151ab A SURVEY OF SPANISH LITERATURE

A study of the trends of Spanish Literature from its beginnings to the present time, with emphasis on the characteristic authors of each movement. *Miss Amb.*

Prerequisite: 61ab.

Four Hours

## 152b ADVANCED SPANISH SYNTAX AND GRAMMAR\*

Required of students wishing a teaching minor.

Two Hours

## 153ab SPANISH AMERICAN LITERATURE\*

A study of the trends in Spanish American Literature up to contemporary authors.

Four Hours

## 199 PROJECTS AND TOPICS IN DIVISION III.

Two-Four Hours

## GERMAN

## 7ab BEGINNING GERMAN

An introductory study of grammar, pronunciation, reading, composition, and oral practice. *Mr. Racker.*

Eight Hours

## 59ab INTERMEDIATE GERMAN

A continuation of 7ab. *Mr. Racker.*

Prerequisite: 7ab or equivalent.

Six Hours

## 60a(or b) DIRECTED GERMAN READING\*

Readings in literary or scientific German designed to meet the needs of individual students. Reports and interviews with teacher once a week.

Prerequisite: 59ab or equivalent.

Four Hours



## IV

## SCIENCES AND MATHEMATICS

L. E. DOWNS, *Chairman*

L. H. CUSHMAN

LESTER GIBSON

L. C. PALMER

J. L. THOMPSON

## BIOLOGY

*Major Requirements for Biology:* 30 hours, 18 of which must be in the upper biennium. The following courses are required: General Zoology, General Botany, Vertebrate Embryology, Advanced Physiology, Genetics, Philosophy of Science, and Research Problems; also General Inorganic Chemistry and General Physics, or Physical Science Survey.

*Minor Requirements for Biology:* 18 hours, of which 9 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

## 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the Chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics. *Mr. Downs.*

Prerequisites: Academy or high school biology, chemistry or physics.  
Four Hours

## 1abL GENERAL ZOOLOGY LABORATORY

Dissection of typical invertebrates, with some experimentation and microscopic examination. Dissection of frog. Required with 1ab.

Two Hours

## 2a HUMAN ANATOMY

A course devoted to the study of the structure of the human body; designed to lay the foundation for the study of physiology. Primarily for preparatory nurses. *Mr. Downs.*

Three Hours

## 2ab ANATOMY AND PHYSIOLOGY LABORATORY

Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts, diagrams, and experiments. Open to preparatory nursing students.

One Hour

## 4b HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. *Mr. Downs.*

Two Hours

## 5ab GENERAL BOTANY

An introduction to the basic morphology and physiology of plants. *Mr. Downs.*

Four Hours

**5abL GENERAL BOTANY LABORATORY**

Practical acquaintance with plant tissues and organs based on topics discussed in General Botany. Two Hours

**6b MICROBIOLOGY**

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeasts, and molds, and their relation to disease. Designed primarily for preparatory nurses. *Staff.* Three Hours

**6bL MICROBIOLOGY LABORATORY**

Includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds. Required of preparatory nursing students (with 6b). One Hour

**8a ELEMENTARY SYSTEMATIC BOTANY\***

The principles of plant taxonomy are discussed and opportunity is given for laboratory and field work. Two Hours  
Prerequisite: 5ab.

**10a VERTEBRATE ANATOMY**

A survey of the organ systems and their development in the vertebrates. *Mr. Downs.* One Hour  
Prerequisite: 1ab.

**10aL VERTEBRATE ANATOMY LABORATORY**

Includes a detailed dissection of the cat, with consideration of certain related forms. Some time is devoted to microscopical examination of representative tissues. Required with 10a. One Hour

**12b BIOLOGICAL SCIENCE SURVEY**

A study of living things, including the identification of local plants and animals, their ecological relationships, and the economic value. *Mr. Downs.* Three Hours

**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

One Hour

**100b LOCAL FLORA\***

Primarily a laboratory course in which principles of Biology 8a are applied to local flowering plants. Three Hours

**102b VERTEBRATE EMBRYOLOGY**

Deals with gametogenesis, fertilization, cleavage and early organology of the chick up through at least seventy-two hours of development. *Mr. Downs.* One Hour  
Prerequisites: 1ab, 10a.

**102bL VERTEBRATE EMBRYOLOGY LABORATORY**

The study of the whole mounts and sections of the chick. Required with 102b. One Hour

**104a PLANT ANATOMY\***

Microscopic study of plant tissues. One Hour  
Prerequisite: 5ab.

**104aL PLANT ANATOMY LABORATORY**

Required with 104a. One Hour

**106b PLANT PHYSIOLOGY\***

An introduction to the life functions of plants. Two Hours  
Prerequisite: 5ab.

**106bL PLANT PHYSIOLOGY LABORATORY**

Required with 106b. One Hour

**107ab ADVANCED PHYSIOLOGY**

A more detailed and advanced study of the human body than is offered in 4b. *Staff*. Four Hours

**108aL MICROTECHNIQUE**

Primarily a laboratory course supplemented with discussions, designed to teach the fundamental techniques in preparing animal or plant tissues for microscopic study. *Mr. Downs*.

Prerequisites: 1ab, 5ab. Two Hours

**110a PLANT ECOLOGY\***

Study of the factors influencing distribution of plants and their inter-relationships.

Prerequisites: 1ab, 5ab, or equivalent. Two Hours

**110aL PLANT ECOLOGY LABORATORY**

Required with 110a. One Hour

**112b ANIMAL ECOLOGY\***

The study of animals in relationship to their environment and factors influencing their distribution.

Prerequisite: 1ab or its equivalent. Two Hours

**112bL ANIMAL ECOLOGY LABORATORY**

Required with 112b. One Hour

**114b PARASITOLOGY**

A survey of the common animal parasites with emphasis on their life histories, mode of transmission, and pathology. *Mr. Downs*.

Prerequisite: 1ab. Three Hours

**116b COMPARATIVE ANATOMY\***

A study of the morphology of the vertebrates.

Prerequisites: 1ab, 10a. Three Hours

**116bL COMPARATIVE ANATOMY LABORATORY**

The dissection and comparative study of the anatomical features of representative vertebrates. Required with 116b. One Hour

**118a GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding. *Mr. Downs*.

Prerequisite: 1ab or its equivalent. Three Hours

**120b PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species. *Mr. Downs*. Three Hours

**CHEMISTRY**

*Major Requirements for Chemistry:* 30 semester hours, including the following courses: General Inorganic Chemistry, Quantitative Analysis, Organic Chemistry, and Physical Chemistry.

*Minor Requirements for Chemistry:* 18 hours, including General Inorganic Chemistry and Organic Chemistry.

**1ab GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. *Mr. Gibson*.

Prerequisite: Academy or high school chemistry or physics. Six Hours

**1abL GENERAL CHEMISTRY LABORATORY**

A general laboratory course designed to illustrate: some of the fundamental laws of chemistry; preparation and properties of certain elements and compounds. The last half of the second semester's work will be devoted to a brief survey of qualitative analysis employing semimicro methods. Required with lab. Two Hours

**3ab CHEMISTRY FOR NURSES**

Designed for the student in preparatory nursing. First semester's work considers inorganic chemistry; second semester's work, organic chemistry, and chemistry of life processes. Special attention given to fields of nursing and medicine. *Staff*.  
Prerequisite: Academy or high school chemistry or physics. Four Hours

**3abL CHEMISTRY FOR NURSES LABORATORY**

Practical demonstration of the topics considered in class. Required with 3ab. Two Hours

**50a QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. *Mr. Gibson*.  
Prerequisites: 1ab and at least 3 hours of college mathematics. One Hour

**50aL QUANTITATIVE ANALYSIS LABORATORY**

The essentials of gravimetric and volumetric analysis. Introduction to methods of calibration of certain apparatus. Required with 50a. Two Hours

**100b QUANTITATIVE ANALYSIS**

Similar to 50a, but more advanced in scope. *Mr. Gibson*.  
Prerequisite: 50a. One Hour

**100bL QUANTITATIVE ANALYSIS LABORATORY**

Selected exercises in gravimetric, volumetric, electrometric, and certain special methods. Required with 100b. Two Hours

**101ab ORGANIC CHEMISTRY**

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions. *Mr. Gibson*.  
Prerequisite: 1ab. Four Hours

**101abL ORGANIC CHEMISTRY LABORATORY**

Preparation and observation of properties of some typical aliphatic and aromatic compounds. Required with 101ab. Two Hours

**102b CHEMISTRY OF FOODS AND NUTRITION\***

A study of food materials and their relation to the chemistry of the body processes.  
Prerequisites: 1ab, 101ab. Three Hours

**104b BIOCHEMISTRY**

A brief survey of the chemistry of the physiological processes of the human body. *Mr. Gibson*.  
Prerequisites: 1ab, 50a, 101ab. Three Hours

**104bL BIOCHEMISTRY LABORATORY**

Qualitative tests and quantitative determinations on materials of biological significance. One Hour



## 151ab PHYSICAL CHEMISTRY

A survey of the fundamental physico-chemical concepts and laws.  
*Mr. Gibson.*

Prerequisites: 50a, General Physics, math. prep. for physical chemistry.  
Four Hours

## PHYSICS

*Major Requirements for Physics:* 30 semester hours, with a minimum of 15 hours in the upper biennium, including Modern Physics I and II, Colloquium, and Projects (199).

*Minor Requirements for Physics:* 18 semester hours, with at least 9 hours in the upper biennium, including Modern Physics I and II.

## 14a PHYSICAL SCIENCE SURVEY

A non-mathematical introduction to the fundamentals of astronomy, chemistry, and physics. *Mr. Thompson.*

Three Hours

## 14aL PHYSICAL SCIENCE SURVEY LABORATORY

One Hour

## 15ab RADIO

An elementary study of radio circuits and the application of vacuum tubes to such circuits. May be used for science or applied arts credit, but may not be applied toward a physics major or minor.

*Staff.*

Four Hours

## 51ab GENERAL PHYSICS

Mechanics, heat, sound, electricity and light, modern physics. *Mr. Thompson.*

Prerequisites: Intermediate Algebra, Trigonometry, and high school chemistry or physics.

Six Hours

## 51abL GENERAL PHYSICS LABORATORY

Required with 51ab.

Two Hours

## 100a MODERN PHYSICS I

The electron, positive rays and the mass spectrograph, origin of optical spectra. *Mr. Thompson.*

Prerequisite: 51ab.

Three Hours

## 102b MODERN PHYSICS II

X-rays, radioactivity and nuclear transformations, cosmic rays, wave theory of matter. *Mr. Thompson.*

Prerequisite: 100a.

Three Hours

## 106b HEAT AND THERMODYNAMICS\*\*

Heat transmission, kinetic theory, elementary thermodynamics of heat engines and refrigeration cycles. Class three hours per week, laboratory three hours per week. *Mr. Thompson.*

Prerequisites: 51ab and Calculus.

Four Hours

## 107ab ELECTRONICS

A study of electron tubes and their associated circuits. Special attention will be given to medical and industrial applications. Class two hours per week, laboratory three hours per week, both semesters.

*Mr. Thompson.*

Prerequisite: 51ab.

Six Hours

\*\*Courses so marked are offered as needed by minors and majors, usually one each semester.

## 158b ELECTRICITY AND MAGNETISM

Electric and magnetic fields, phenomena of high and low frequency circuits having resistance, capacitance, and inductance. Class three hours per week, laboratory three hours per week. *Mr. Thompson.*  
Prerequisites: 51ab and Calculus. Four Hours

## 164a SOUND\*\*

Wave motion, physics of musical sounds, acoustics, sound reproduction. Class two hours per week, laboratory three hours per week.  
*Mr. Thompson.*  
Prerequisites: 51ab and Calculus. Three Hours

## 168a LIGHT\*\*

Refraction, reflection, wave motion, diffraction and interference, polarization. Class three hours per week, laboratory three hours per week.  
*Mr. Thompson.*  
Prerequisites: 51ab and Calculus. Four Hours

## 188a (or b) COLLOQUIUM

Student reports and discussions of current research and physics applications. Limited to upper biennium majors and minors. May be repeated for credit. *Mr. Thompson.* One Hour

## MATHEMATICS

*Major Requirements for Mathematics:* 30 semester hours, with 15 hours in the upper division, including the following courses: Calculus, Theory of Equations, plus sufficient other courses to give the required total number of hours.

*Minor Requirements for Mathematics:* 9 hours upper division with enough other courses to make a total of 18 hours.

## 2a INTERMEDIATE ALGEBRA

*Mr. Thompson.*

Three Hours

## 4b PLANE TRIGONOMETRY

Functions, logarithms, identities, equations, inverse functions, solution of triangles. *Mr. Thompson.*

Three Hours

## 50a ADVANCED ALGEBRA

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations. *Mr. Thompson.*  
Prerequisite: 2a, or equivalent.

Three Hours

## 52b PLANE ANALYTIC GEOMETRY

Coordinate systems; loci; conic sections; transformation of coordinates; transcendental curves; parametric equations. *Mr. Thompson.*  
Prerequisites: 2a, 4b.

Three Hours

## 76a MATHEMATICAL PREPARATION FOR PHYSICAL CHEMISTRY

Index notation; logarithms, graphs of equations; differentiation; integration; graphical methods in physical chemistry. (Not counted toward Mathematics major or minor.) *Mr. Thompson.*  
Prerequisites: 2a, 4b.

Three Hours

100a ADVANCED TRIGONOMETRY\*

Additional work in plane trigonometry; the solution of right and oblique spherical triangles.

Prerequisites: 2a, 4b.

Two Hours

102b SECOND COURSE IN ANALYTIC GEOMETRY\*

A brief review of plane analytic geometry; lines, planes, and solids in space.

Prerequisite: 52b.

Two Hours

103ab CALCULUS\*

Derivation of fundamental formulas of differential and integral calculus, and their application to problems in geometry and physics.

Prerequisite: 52b.

Six Hours

104a THEORY OF EQUATIONS\*

Elementary theory of algebraic equations; determinants.

Prerequisite: 50a.

Two Hours

106b DIFFERENTIAL EQUATIONS\*

A study of ordinary differential equations, with applications.

Prerequisite: 103ab.

Three Hours

170a ANALYTICAL MECHANICS

Statistics; dynamics. *Mr. Thompson.*

Prerequisites: General physics, 103ab.

Three Hours

199 PROJECTS AND TOPICS IN DIVISION IV. *Staff.*

Two-Four Hours

## V

## FINE ARTS

H. B. HANNUM, *Chairman*

HARLYN ABEL	CHLOE ADAMS-SOFSKY
FRANCES L. BROWN	OTTO RACKER
EDNA FARNSWORTH	ELLEN SHORT
C. O. TRUBEY	

## VISUAL ARTS

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Art Appreciation, 4 hours; Drawing and Painting, 10 hours; electives, 4 hours.

## 1a,b FREEHAND DRAWING

A beginning course in still-life and landscape drawing. *Mrs. Sofsky.*  
Two Hours

## 3a,b FUNDAMENTALS OF DRAWING AND PAINTING

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. *Mrs. Sofsky.*  
Four Hours

## 5a,b ART APPRECIATION

A study of fundamental principles of true art, with their application to great works of art and to daily surroundings. *Mrs. Sofsky.* Four Hours

## 50b LETTERING

Lectures, work assignments in single stroke Roman, Gothic, and other traditional alphabets. Creative modern lettering. Simple layouts. *Mrs. Sofsky.*  
Two Hours

## 51a,b PAINTING

Still-life and landscape painting in oil and water color. *Mrs. Sofsky.*  
Four Hours

## 52b ART EDUCATION

A study of the fundamental art principles as applied to the art needs of children. Teaching methods. *Mrs. Sofsky.*  
Two Hours

## 101a,b COMMERCIAL ART AND ILLUSTRATION

Lettering and layout for book illustrations and advertising. *Mrs. Sofsky.*  
Prerequisites: 1a,b; 3a,b; or 50b. Four Hours

## 102a (or b) PAINTING II

Landscape, still-life, or portrait painting in oil or water color. *Mrs. Sofsky.*  
Prerequisite: 3a,b. Two Hours

## 103a,b ADVANCED PAINTING

Composition in various media, with emphasis on mood in painting. *Mrs. Sofsky.*  
Prerequisite: 102a. Four Hours



## MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Church Music, 4 hours; Voice, Choral Organizations and Conducting, 8 hours.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a baccalaureate degree.

## APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

(1) A minimum of 15 lessons per semester, with five hours of practice a week, for one hour of credit; (2) A satisfactory semester examination must be passed; (3) Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The granting of college credit in applied music presupposes the fulfillment of prerequisites as follows:

*Piano:* The student should be able to play all the major and minor scales correctly and in moderate tempo. He should be able to perform some of the Bach Little Preludes, Two-part Inventions, the easier sonatas of Mozart and Haydn, and compositions of about the fourth grade of difficulty.

*Organ:* The same as Piano.

*Voice:* The student should be able to read a simple song at sight, and should have a knowledge of the rudiments of music. Some knowledge of the piano is highly desirable.

*Violin:* The student should be able to play from memory the following scales and arpeggios, compass two octaves, in moderate tempo: the major and melodic minor scales from G to D, detached bowing,

one note to a bow, slurred bowing, four notes to a bow; the major and minor arpeggios from G to D, detached bowing, one note to a bow, slurred bowing, three notes to a bow. He should have mastered all or most of the following studies, or others of like standard: Sevcik, *Op. 6*, Parts 1-6; Wohlfahrt, *Op. 45*, Book I; *Op. 74*, Book I; Kayser, *Op. 20*, Book I; Dont, *Op. 38*.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b ELEMENTARY PIANO

This is an introductory course in piano to train students in hymn-playing and sacred music. Credit does not apply on a music major.  
Two Hours

21a, b APPLIED MUSIC (First Year) Credit to be arranged

55a, b APPLIED MUSIC (Second Year) Credit to be arranged

117a, b APPLIED MUSIC (Third Year) Credit to be arranged

119a, b APPLIED MUSIC (Fourth Year) Credit to be arranged

120a REPERTOIRE CLASS One Hour

### THEORY

#### 1a,b THEORY I

A thorough study of the fundamentals of musicianship—chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony. *Mr. Hannum.*  
Six Hours

#### 53ab THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing. *Mr. Hannum.*  
Prerequisite: 1a,b.  
Six Hours

#### 100a MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms. *Mr. Hannum.*  
Prerequisites: 1a,b, 53ab.  
Two Hours

#### 102b ANALYTIC HARMONY

The analysis of excerpts from classic, romantic, and modern music, showing harmonic usages. *Mr. Hannum.*  
Prerequisites: 1a,b, 53ab.  
Two Hours

#### 104a COUNTERPOINT

A study of the principles of 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style. *Mr. Hannum.*  
Prerequisites: 1a,b, 53ab.  
Two Hours

## 06b COUNTERPOINT

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions. *Mr. Hannum.*  
Prerequisites: 1ab, 53ab. Two Hours

## 07a,b MUSIC COMPOSITION

Practice in writing original compositions in the smaller forms. *Mr. Hannum.*  
Prerequisites: 1ab, 53ab. Four Hours

## 08a ORCHESTRATION

A study of the instruments of the orchestra; arranging music for the orchestra. *Staff.*  
Prerequisites: 1ab, 53ab. Two Hours

## MUSIC HISTORY

## 1b MUSIC APPRECIATION

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.  
*Mr. Hannum.* Four Hours

## 09ab HISTORY OF MUSIC\*

A chronological study of the various periods in the development of music from the earliest times to the present. Four Hours

## 10a CHURCH MUSIC

A survey of the various types of church music, including a study of hymn-tunes, their background and history and their use in the services of the church. *Mr. Hannum.* Two Hours

## 2b HYMNOLOGY

A study of the hymns and hymn-writers of the church, and the effective use of hymns in worship. *Mr. Hannum.* Two Hours

## SPECIAL COURSES

## 1 ELEMENTS OF MUSIC\*\*

The study of the rudiments of music, dictation, sight-singing and ear-training. Primarily for students without any previous music training.  
*Mr. Abel.* Two Hours

## 2 CONDUCTING I

Fundamental rules of conducting. *Mr. Abel.* Two Hours

## 3 MUSIC SEMINAR\*\*

A workshop, usually given during the summer for teachers or church workers. The material covered will be chosen from the fields of sight-singing and theory, church music, evangelistic music, and school music. Coaching in applied music will be available. *Staff.* One Hour

## 4b GOSPEL SONG DIRECTING\*\*

For theology students who are preparing to direct music in evangelistic meetings. *Mr. Abel.*  
Prerequisite: 6b. Two Hours

## 1a,b CONDUCTING II

Study of the art of directing choirs, choruses, and congregational singing. Students are required to belong to either a choral or instrumental organization. *Mr. Abel.*  
Prerequisite: 6b. Four Hours

9 ADVANCED MUSIC PROJECTS. *Staff.*

Two Hours

May not be counted toward the major or minor requirement in music.

## ORGANIZATIONS

## 9a,b CHOIR I

An eight part choir class organized for the study of choral music, accompanied and unaccompanied. *Mr. Abel.* Two Hours

## 11a,b ORCHESTRA

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year.

*Mr. Racker.*

Two Hours

## 15a,b BAND

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year. *Mr. Trubey.*

Two Hours

## 17a,b GLEE CLUBS

Organizations for the study of secular music, accompanied and unaccompanied. *Mr. Abel.*

Two Hours

## 18a (or b) ORATORIO CHORUS

A mixed chorus open to all students wishing to study such oratorios as the *Messiah*, *Elijah*, *Creation*, and *Redemption*. *Mr. Abel.* One Hour

## 115a,b CHOIR II

Offered for the purpose of studying the human voice in accompanied and unaccompanied ensemble. Open to students with previous choral experience or by voice test. Concerts are given each year in surrounding cities. *Mr. Abel.*

Two Hours



## VI

## EDUCATION

C. D. STRIPLIN, *Chairman*

MAYBEL JENSEN

HAZEL OLSON-SHAFER

MARY WITCHEY-GROOME

NELLIE G. ODELL

WILLAMAE HAWKINS

ANNA L. JOHNSTON

DAISY DARROW-STURGES

## SECONDARY TEACHER TRAINING

*Minor Requirements:* 18 hours, of which a minimum of 9 must be the upper biennium. In electing courses for a minor in Secondary education, the student is expected to meet the professional requirements of the Department of Education of the General Conference, for teacher certification. This includes a minimum of 15 hours in professional education. Three hours of directed teaching is required, either in the major or minor field. The remaining 12 hours should be chosen from the following courses, recommended in the order in which they are listed:

Principles of Education.....	3 hours
Educational Psychology.....	3 hours
Principles of Secondary Teaching.....	2 hours
Special Methods (Major Field).....	2 hours
Educational Measurements.....	2 hours
Adolescent Psychology.....	2 hours
History and Philosophy of Education.....	2 hours
Principles of Guidance.....	2 hours

## GENERAL PSYCHOLOGY

(See Social Studies Division)

## b PRINCIPLES OF EDUCATION

(See Elementary Education Section)

## 10a PSYCHOLOGY OF ADOLESCENCE

The course will deal with the most significant problems in child and adolescent development, with special emphasis upon the psychological principles that govern their behavior. *Mr. Striplin.* Two Hours

## 14b HISTORY AND PHILOSOPHY OF EDUCATION

A survey of the history of educational theory and practice, and a study of the basic principles involved in the development of a system of Christian education. *Mr. Striplin.* Two Hours

## 14a EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. *Mr. Striplin.* Three Hours  
Prerequisite: 6a.

## 150a PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing stimulating, and directing classroom activities, and means for measuring their outcomes. *Mr. Striplin.* Two Hours

## 152b PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization and aims in the educational, vocational and general guidance of student on the elementary and secondary level. *Mr. Striplin.* Two Hours  
Prerequisites: 100a or 124a.

## 154a TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation and interpretation of the standard tests, as they pertain to the elementary and secondary grades. *Mr. Striplin.* Two Hours  
Prerequisite: 124a or General Psychology.

182a SPECIAL METHODS IN SECONDARY TEACHING. *Staff.*

Two Hours

184b OBSERVATION AND DIRECTED TEACHING IN ONE OF THE FOLLOWING FIELDS. *Staff.*

Three Hours

Teaching English in the Secondary School.

Teaching Modern Languages in the Secondary School.

Teaching Mathematics in the Secondary School.

Teaching History in the Secondary School.

Teaching Science in the Secondary School.

Teaching Home Arts in the Secondary School.

Teaching Industrial Arts in the Secondary School.

Teaching Commercial Subjects in the Secondary School.

Teaching Music in the Secondary School.

## ELEMENTARY TEACHER TRAINING

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Each candidate for a degree must also complete 18 hours in each of two related fields, one half of which in each field must be in the upper biennium. See the end of this section for other requirements for the degree of Bachelor of Science in Elementary Education.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

## 2a TEACHERS' SEWING

A course in the application of sewing methods in grades 4-8. *Staff.* Two Hours

## 6a GENERAL PSYCHOLOGY

(See Social Studies Division)

## 10b PRINCIPLES OF EDUCATION

Stresses thoroughly the principles of education as outlined in the book *Education, Fundamentals of Christian Education*, and *Counsels to Teachers*. *Miss Jensen.* Three Hours

## 12a STORYTELLING

Presents the possibilities and techniques of storytelling, with classroom experience in the reproduction of stories. *Miss Jensen.* One Hour

## 15ab PHYSICAL EDUCATION (TEACHING)

A course dealing with the objectives and principles underlying the physical education program of the elementary school; observation and supervision of children during recreational periods and a study of methods of presenting various games and recreational activities. *Staff.* Two Hours

## 6b MUSIC EDUCATION

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. *Staff.* Two Hours

## 8a SCHOOLROOM CRAFTS

Designed to aid the teacher in developing an industrial program in the grade school. Problems include block printing, weaving, paper, wood, and tin crafts. Organization of crafts for various grade levels to be studied. *Miss Carlsen.* Two Hours

## 1ab TEACHING I

Observations, readings, and discussions of some of the various aspects of classroom situations which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching. *Miss Jensen.* One Hour

## 2a TEACHING TECHNIQUE AND MANAGEMENT

A course designed to give the prospective teacher a practical knowledge of the philosophy, principles, and procedures involved in the teaching process, with special emphasis on the problems of management and organization related to classroom teaching. *Miss Jensen.* Two Hours

## 24a EDUCATIONAL PSYCHOLOGY

(See Secondary Education Section)

## 51ab TEACHING II

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor and a directing teacher. *Miss Jensen.*

Prerequisite: Satisfactory achievement in the standard school subjects. Three Hours

## 55ab PROCEDURES OF TEACHING IN THE ELEMENTARY SCHOOL I AND II

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, arithmetic, language, arts and social studies. A one semester hour course in storytelling is included. *Miss Jensen.*

First Year Two Hours  
Second Year Four Hours

## 1ab TEACHING III\*\*

A study will be made of the entire elementary school program, selection, organization and evaluation of curricular material, and teaching procedures, including comprehensive teaching as part of the laboratory work. *Miss Jensen.* Three Hours

9 PROJECTS IN DIVISION VI. *Staff.*

Two-Four Hours

At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

*Specific Requirements:*

Education Courses:	Hours
Principles of Education.....	3
Technique of Teaching and Management.....	2
Procedures of Teaching.....	6
Directed Teaching .....	8
Philosophy of Education.....	2
Tests and Measurements.....	2
Principles of Guidance.....	2
Psychology:	
General Psychology .....	3
Educational Psychology.....	3
Child and Adolescent Psychology.....	2

*General Requirements:*

- Religion: 14 hours; 6 hours of upper biennium credit. Students enrolling without Bible credit from a secondary school will take Bible Survey in the freshman year.
- English: 12 hours; including Composition 6 hours; Literature 4 hours.
- Speech: 4 hours; Voice and Diction and Oral Interpretation.
- Science: 14 hours; including Physical Science Survey 4 hours; Biological Science Survey 4 hours; Physiology.
- Social Studies: 12 hours; including History 6 hours, Principles of Geography 4 hours.
- Health and Hygiene: 6 hours; including Child Hygiene 2 hours; Health Principles 2 hours.
- Physical Education: 4 hours; must include Teachers' Physical Education.
- Music: 6 hours; including Music Fundamentals 2 hours; Music in the Elementary School 2 hours.
- Fine Arts: 4 hours; must include Art Education for the Elementary School 2 hours.
- Industrial Arts: 6 hours; including Schoolroom Crafts 2 hours.
- Sociology: 1 hour; Problems of College and Life.
- Modern Language: not required of students who select English as one of the required minors, and who present two units of modern languages on the secondary level.
- Electives to bring the total to 128 hours.



## VII

## BUSINESS

E. S. CUBLEY, *Chairman*

W. E. ANDERSON

IRENE ORTNER

## ECONOMICS AND BUSINESS

*Major Requirements:* 34 hours, of which a minimum of 17 must be in the upper biennium. Majors are also required to complete the following from other subject fields: Speech, 2 hours; Lettering, 2 hours; Typing, 2 hours; Economic Development of the U. S., 3 hours.

*Minor Requirements:* 18 hours, of which a minimum of 9 hours must be in the upper biennium.

## BUSINESS ADMINISTRATION

## 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange—the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics. *Mr. Cubley.*

Four Hours

## 3ab PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Simple financial statements are analyzed, and the business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. Intended for the general student of business as well as for the beginning student in accounting. *Mr. Cubley.*

Six Hours

## 51ab INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems. *Mr. Cubley.*

Prerequisite: 3ab.

Four Hours

## 52a BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations. *Mr. Cubley.*

Three Hours

## 54a BUSINESS MACHINES

The theory and practice of various types of calculating and adding machines, and duplicators. *Mr. Cubley, Miss Ortner.*

One Hour

## 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine. *Mr. Anderson.*

Prerequisites: 3ab, 54a.

One Hour

**62b ACCOUNTING FUNDAMENTALS**

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only.  
*Mr. Cubley.* Two Hours

**102a MONEY, BANKING AND CREDIT\***

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business.  
 Prerequisite: 1ab. Three Hours

**103ab MARKETING\***

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.  
 Prerequisite: 1ab Four Hours

**104b COST ACCOUNTING**

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.  
*Mr. Anderson.* Two Hours  
 Prerequisite: 51ab.

**110b ELEMENTS OF STATISTICS\***

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education. One laboratory per week. Prerequisites: High school Algebra, and two hours of college mathematics (may be taken concurrently). Two Hours

**112b DENOMINATIONAL ACCOUNTING SYSTEMS**

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.  
*Mr. Cubley.* Two Hours

**115ab ADVERTISING\***

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising. Four Hours

**116b CURRENT ECONOMIC PROBLEMS**

Economic problems of current importance; application of economic principles to a dynamic business world. *Mr. Cubley.* Three Hours  
 Prerequisite: 1ab.

## SECRETARIAL TRAINING

*Major Requirements:* 34 hours, of which a minimum of 15 must be in the upper biennium. A maximum of 4 hours in Business Administration may be included in the total upper biennium hours. Extra-departmental requirements: Principles of Accounting; Economics, Business Law, and Business Machines.

*Minor Requirements:* 18 hours, at least 9 of which must be in the upper biennium.

**5ab TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use. *Miss Ortner.* Two Hours

- 58a **TYPEWRITING II**  
Emphasis on increase of speed, accuracy, and skill in the typing of letters and business projects. *Miss Ortner.*  
Prerequisite: 5ab or equivalent. One Hour
- 60b **TYPEWRITING II**  
A continuation of 58a. *Miss Ortner.*  
Prerequisite: 58a. One Hour
- 7ab **SHORTHAND I**  
Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute. *Miss Ortner.* Eight Hours
- 8a **SHORTHAND REVIEW**  
Review of basic principles of Gregg Shorthand for students who have had one year of shorthand in academy or high school.  
*Miss Ortner.* Two Hours
- 10b **SHORTHAND REVIEW**  
Continuation of 8a, plus dictation and transcription practice. Five-minute speed requirement for the year: 80 words a minute. *Miss Ortner.*  
Prerequisite: 8a, or equivalent. Two Hours
- 64a **SHORTHAND II**  
Reading, writing, and transcription practice on business and denominational material. Minimum 5-minute speed requirement: 100 words a minute. Typing II must be taken concurrently. *Miss Ortner*  
Prerequisite: 7ab, 8a, 10b, or equivalent. Four Hours
- 66b **OFFICE PRACTICE**  
Instruction in office procedures, business ethics, filing, and the personal qualifications of the secretary. Typing II must be taken concurrently.  
*Miss Ortner.*  
Prerequisite: 64a. Four Hours
- 68a (or b) **EDIPHONE AND FILING**  
Instruction and practice in the use of the Ediphone and the filing systems most common in business. *Miss Ortner.*  
Prerequisite: 5ab. One Hour
- 106a **ADVANCED SHORTHAND**  
Rapid dictation and transcription of Congressional and other technical material. Minimum 5-minute speed requirement: 120 words a minute.  
*Miss Ortner.*  
Prerequisite: 64a. Three Hours
- 108b **ADVANCED SHORTHAND**  
Rapid dictation and transcription of Congressional and other technical material. Minimum 5-minute speed requirement: 140 words a minute.  
*Miss Ortner.*  
Prerequisite: 106a. Three Hours
- 114b **ADVANCED TRANSCRIPTION**  
Training in the writing of business letters and in accurate and rapid transcription from dictation. *Miss Ortner.*  
Prerequisite: 64a. Three Hours
- 150a **SHORTHAND REPORTING\***  
Rapid dictation and transcription of Congressional and other technical materials and reporting of sermons, lectures, etc. Minimum 5-minute speed requirement: 150 words a minute.  
Prerequisite: 108b. Two Hours
- 199 **PROJECTS IN DIVISION VII. Staff.** Two-Four Hours

## VIII

## APPLIED ARTS

W. W. KENNEDY, *Chairman*

DORIS CARLSEN

CLARENCE KROHN

ALWIN L. TOEWS

## HOME ECONOMICS

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Foods and Cookery; Clothing I, II; Home Hygiene; Household Problems; Art in Life or Interior Decoration; Nutrition; Home Management; projects in Home Economics. A program of studies including the above major leads to the degree of Bachelor of Science in Home Economics. Students planning to use the major in teaching are required to take a course in methods of teaching Home Economics.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Foods and Cookery; Clothing I; Art in Life or Interior Decoration; Home Hygiene; and Household Problems.

## 5a (or b) FOODS AND COOKERY

A course designed for men interested in a study of basic food preparations and nutrition. *Miss Carlsen.* Two Hours

## 7ab FOODS AND COOKERY

A study of the principles of human nutrition and their application to the dietary problems of the average family, food composition and nutritive values, problems in marketing, meal planning, food preparation and table service. *Miss Carlsen.* Four Hours

## 7abL FOODS AND COOKERY LABORATORY

Required with 7ab.

Two Hours

## 52a CLOTHING I

This course covers the fundamental techniques of garment selection, construction, and fitting and the use of commercial patterns with simple problems in original design. *Miss Carlsen.* Two Hours

## 52aL CLOTHING LABORATORY

Required with 52a.

One Hour

## 54b CLOTHING II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health and economy. *Miss Carlsen.*

Prerequisite: 52a.

Two Hours

## 54bL CLOTHING II LABORATORY

Required with 54b.

One Hour



**8a ART IN LIFE**

This course offers instruction in the use of art elements and principles in the application of design to everyday living, clothing and other aspects of the home. *Miss Carlsen.*

Three Hours

**00b NUTRITION**

A study of the composition and nutritive values of food as related to physical fitness and the selection of a balanced diet for health at various age levels with dietary calculations and standards. *Miss Carlsen.*

Prerequisite: For Home Economics Majors, 7ab.

Three Hours

**02b TAILORING**

This course comprises a study of the techniques of ladies tailoring and fitting. *Miss Carlsen.*

Prerequisite: 52a.

One Hour

**02bL TAILORING LABORATORY**

Required with 102b.

One Hour

**04a HOUSEHOLD PROBLEMS**

A study of the selection, operation, care and arrangement of household equipment, home management and the interrelationship of family members. *Miss Carlsen.*

Three Hours

**06a INTERIOR DECORATION**

A study and application of the principles governing the selection and arrangement of furniture, textiles, pictures and other home furnishings.

*Mrs. Sofsky.*

Two Hours

**76b QUANTITY COOKERY\***

A study of the preparation and serving of food in large quantities and the organization of work in institutions. Laboratory work in the school kitchen and dining room is arranged. There is one lecture a week and laboratory work by appointment.

Prerequisite: 7ab.

Two Hours

**78a METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level.

*Miss Carlsen.*

Prerequisite: 7ab.

Two Hours

**78aL METHODS OF TEACHING HOME ECONOMICS LABORATORY**

Teaching devices and illustrative materials are made for use in teaching the various home economics subjects.

Required with 178a.

One Hour

**80a CHILD CARE AND DEVELOPMENT\***

A study of the child from early prenatal life through the preschool age, with emphasis upon growth, nutrition and home education.

Two Hours

**82b HOME MANAGEMENT.**

Principles underlying the management of a home are put into practice in a home situation. *Miss Carlsen.*

Two Hours

**84b COSTUME DESIGN**

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions.

*Miss Carlsen.*

Two Hours

## INDUSTRIAL ARTS

*Major Requirements:* 44 hours, of which a minimum of 15 hours must be in the upper biennium. The following distribution must be followed: 18 hours in each of two areas in Industrial Arts; 8 additional hours in one of the two areas, or in a third area; 2 hours of project courses in one field of concentration. Other required courses: General Inorganic Chemistry; Principles of Accounting; Advertising; Lettering, Freehand Drawing, or Art Appreciation. A program of studies including the above major leads to the degree of Bachelor of Science in Industrial Arts. Electives to fill out the program must be selected in consultation with the major professor.

*Minor Requirements:* 18 hours to be selected in consultation with the teachers in the division; 9 hours must be in the upper biennium. As to distribution: 12 hours must be in one subject field, the other 6 hours in a related field.

## AGRICULTURE

## 6b LANDSCAPE GARDENING

A general course dealing with the planning and development of home grounds, and landscape designs, including the study of trees, plants, and shrubs most desirable for landscape use. *Mr. Krohn.* Two Hours

## 8a VEGETABLE GARDENING

A study of the types of vegetable gardening with emphasis on the preparation, cultivation, and fertilization of garden soils. *Mr. Krohn.* Two Hours

## 8aL VEGETABLE GARDENING LABORATORY

Required with 8a. One Hour

## 56a SOILS AND FERTILIZERS

A study of origin, transportation, mechanical composition, chemical analysis of soils, humus, nitrification forms, and movement of water and air in soil and their relation to soil fertility. Crop rotations, natural and commercial fertilizers, liming, drainage, irrigation, and related subjects. *Mr. Krohn.* Two Hours

## 66a FEEDS AND FEEDING

A study of the fundamental needs and practices in animal nutrition. *Mr. Krohn.* Two Hours

## 68a HORTICULTURE\*

A study of the fundamental principles of home and commercial fruit growing. Three Hours

## 108b POULTRY HUSBANDRY

The methods of raising, caring for, and handling most profitably all kinds of utility poultry. Laboratory work as required. *Mr. Krohn.* Two Hours

## 116a FARM MANAGEMENT\*

The organization and management of an enterprise, production units, power and equipment. Use and kind of records. Two Hours

## 118b ANIMAL HUSBANDRY

Study of the history, characteristics, use, care, and management of farm animals. *Mr. Krohn.* Three Hours

## 120b FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading crops. *Mr. Krohn.* Three Hours

## PHOTOGRAPHY

48a ELEMENTARY PHOTOGRAPHY. *Staff.*

Two Hours

## PRINTING

## 21ab EXPLORING THE GRAPHIC ARTS

Study and practice of the fundamental procedures underlying both hand and machine methods in printing. An interesting and practical survey course open to both men and women. No previous knowledge of printing necessary. *Mr. Kennedy.* Two Hours

## 21abL GRAPHIC ARTS LABORATORY

A laboratory course to accompany 21ab.

One Hour

## 59ab LINOTYPE

A workshop course covering keyboard practice, straight matter composition, and care of the machine during the first semester, followed by job and tabular composition and linotype mechanism the second semester. Open to a limited number of students with a sufficient background of printing experience to warrant their undertaking this specialized line. One class period and five hours laboratory time per week. *Mr. Kennedy.* Four Hours

## RADIO

## 5ab (See Physics: Elementary Radio.)

## SHOP

## 3ab CARPENTRY

A course in planning a building, making a bill of materials for the building, building the foundation, the building, and doing the mill and finish work. Specifications, estimating, lighting, and plumbing will also be considered. Four hours of one afternoon a week will be spent in class. It is required that four additional hours a week be spent on the project as regular paid domestic labor. *Mr. Toews.* Four Hours

## 4a (or b) ARCHITECTURAL DRAWING I

The elements of house planning and construction methods; blueprint reading for the building trades. *Mr. Toews.* Two Hours

## 4a WOODTURNING

Wood lathes, tools, and how to use them. *Mr. Toews.* Two Hours

## 6a (or b) CABINET MAKING

The almost lost art of making fine furniture by hand. An aid to the appreciation of values in furniture and furnishings. *Mr. Toews.* Two Hours

## 0a (or b) MACHINE SHOP

Study of metal lathes and milling machines and their operation. Elementary tool making. *Mr. Toews.* Two Hours

## 32a (or b) MECHANICAL DRAWING

Care and use of instruments, lettering, orthographic projection, working drawings, development of solids, tracing, and blueprinting.  
*Mr. Toews.* Two Hours

## 34b APPLIED MECHANICS\*

A course of study designed to cover fundamental principles in related mechanical fields with demonstration and practice in electrical, plumbing, automotive repair, and general repair about the home and institutions. Three Hours

## 60a (or b) BLUEPRINT READING FOR MACHINE TRADES

The study of machine and engineering drawings preparatory for all technical plan reading. *Mr. Toews.* Two Hours  
 Prerequisites: Algebra and geometry.

## 61ab PRACTICAL ELECTRICITY\*

A study of motors, generators, transformers, and other electrical equipment; their principles of operation and rules for their safe operation. Six Hours

## 62a (or b) WELDING

Study of construction, care, and safe handling of acetylene equipment. Since progress in welding is dependent on practice, proficiency in the use of the torch in both welding and cutting is the criteria of advancement. *Mr. Toews.* Two Hours

## 64b PICTORIAL DRAWING\*

A study of oblique, cabinet, and perspective drawing, and sketching, and fundamental views of oblique planes. Two Hours  
 Prerequisite: 24a or 32a.

## 110a (or b) ARCHITECTURAL DRAWING II

House planning, detail and pictorial drawing, estimating, etc.  
*Mr. Toews.* Two Hours  
 Prerequisite: 24a.

## 112a (or b) ENGINEERING DRAWING\*

Conventions, details, assembly drawing from sketches, designing of machinery parts, piping layouts, etc. Two Hours  
 Prerequisite: 32a.

## 114a (or b) MILL CABINET\*

Advanced course in furniture construction and mass production methods. Two Hours  
 Prerequisite: 28a.

199 PROJECTS IN APPLIED AND INDUSTRIAL ARTS. *Staff.* Two-Four Hours



## IX

## HEALTH AND NURSING

L. L. HAM

SHIRLEY DUNBAR-RUSCHE

## PHYSICAL FITNESS

1ab (1st Year) BASIC PHYSICAL FITNESS. *Staff.* One Half Hour

2ab (2nd Year) *Staff.* One Half Hour

3a (or b) CORRECTIVE EXERCISES

Designed to correct specific deficiencies in motor fitness and posture, or to provide exercises suitable for those unable to take the basic course. *Mrs. Rusche.* One Hour

4ab SWIMMING

Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving. *Staff.* One Hour

5a (or b) APPARATUS

Will include work on the horizontal bar, parallel bars, rings, horse, and flying rings. *Mr. Ham.* One Hour

6a (or b) WATER SAFETY

The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool. *Staff.*

Prerequisite: 17ab or equivalent ability. One Hour

7a (or b) INDIVIDUAL ACTIVITIES

Designed to promote interest and skill in recreational activities that will carry over to and be useful in later life. *Mr. Ham.* One Hour

8a,b RECREATIONAL LEADERSHIP

A course in the organization and direction of recreation based on Christian principles, including the teaching of games, story telling and song leading. *Staff.* Four Hours

9ab ADMINISTRATION OF SECONDARY PHYSICAL EDUCATION\*

A study of the problems of schedules, organization, group diversion, activities, and testing as needed in the academy or preparatory school. Two Hours

10abL ADMINISTRATION OF SECONDARY PHYS. EDUCATION LABORATORY

Each student will be assigned to a section of the Preparatory School Health and Physical Education class or to a section of Basic Physical Fitness as assisting instructor. In this capacity the student will obtain actual experience in class organization, teaching, officiating, testing, etc. Two Hours

## HEALTH AND NURSING

## 2a HISTORY OF NURSING

A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems. *Staff.* Three Hours

## 6a FIRST AID

This class covers the material in the Red Cross Standard First Aid Course, bandaging and some of the medical aspects of modern chemical warfare. Designed to meet the requirements for first aid and bandaging for the Medical Cadet Corps. Open to all students.

*Mr. Ham, Mrs. Rusche.*

Two Hours

## 10a HOME HYGIENE

A course in simple nursing procedures, first aid and disease prevention applied to actual home conditions. *Staff.*

One Hour

## 10aL HOME HYGIENE LABORATORY

Demonstration of and practice in topics considered in class.

Required with 10a.

One Hour

## 50b HEALTH PRINCIPLES

A study of the principles governing community and personal community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. *Staff.*

Two Hours

## 52a HEALTH EDUCATION

A study of principles as related to the physical and mental growth of the child. Dealing particularly with the health problems in the elementary grades. *Staff.*

Two Hours

## 148a WARD MANAGEMENT

A survey of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management. *Staff.*

Two Hours

## 150b SUPERVISION IN NURSING

A study of the fundamentals and principles of supervision in the hospital or sanitarium unit, includes meeting some of the more common problems of supervision in actual practice on the unit. *Staff.*

Two Hours

## 154a CURRICULUM CONSTRUCTION

A study of the principles used in curriculum construction and revision in a school of nursing. *Staff.*

Two Hours

## 155ab CURRENT TRENDS IN NURSING

A survey of some of the more recent developments, trends, and current problems facing the nursing profession and the education of nurses. *Staff.*

One Hour each semester

## 156a COMPARATIVE NURSING PRACTICE

Comparative study and evaluation of current nursing procedures. *Staff.*

Two Hours

## 158b TEACHING IN SCHOOLS OF NURSING

A study of the basic principles and methods of teaching as applied to nursing. *Staff.*

Two Hours

## BACHELOR OF SCIENCE IN NURSING

For nurses a five-year combined curriculum is offered, leading to a degree of bachelor of science in nursing, with a minor in biology. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited Seventh-day Adventist school of nursing. Nurses who have completed the pre-nursing curriculum may meet the requirements for a degree with approximately forty semester hours additional work; of which a minimum of thirty hours must be in the upper biennium. The nurse who has not had college pre-nursing will need to take additional work. It is recommended that the nurse who plans on administrative work or teaching take additional work in the fields of education and psychology.

*Major Requirements:* In addition to work taken in the school of nursing ten semester hours must be in the field of nursing education.

## FIVE-YEAR COMBINED CURRICULUM

First year:

Pre-nursing	Hours
English .....	6
Bible .....	4
Anatomy and Physiology.....	6
History of Nursing.....	3
Microbiology .....	4
Chemistry .....	6
Health Principles .....	2
Physical Education.....	1

Second, third, and fourth years—in the school of nursing.

Fifth year, the indicated hours selected from each group:

Biology, 9 hours

Genetics .....	3
Advanced Physiology.....	4
Embryology .....	2 or 3
Ecology .....	2 or 4
History of Biology.....	3

Nursing Education, 10 to 12 hours

Current Trends.....	2
Comparative Nursing Practice.....	2
Supervision in Schools of Nursing.....	2
Ward Managements.....	2
Teaching in Schools of Nursing.....	2
Curriculum Construction.....	2
Projects .....	2

## Religion, 4 to 6 hours

New Testament Epistles.....	3
Gift of Prophecy.....	2
Old Testament Prophets.....	3

## English and Speech, 6 hours

Voice and Diction.....	2
American Literature.....	4
Oral Interpretation.....	3
Tennyson .....	2

## History, 6 to 8 hours

Constitutional History.....	2
Ancient World History.....	2
California History.....	2 - 4
Europe Since 1914.....	2
British Civilization.....	4

## Psychology and Education, 3 to 6 hours

Principles of Education.....	3
Sociology .....	3
Educational Psychology .....	3



# JUNIOR COLLEGE CURRICULA

## PREPARATORY CURRICULA

### MEDICAL

La Sierra College prepares students for medical colleges, but, in harmony with the policies of the American Medical Association it does not list a prescribed curriculum. Premedical students who meet the requirements for Arts and Sciences and the requirements for recommendation to the medical college, will be given the degree of Bachelor of Science at the completion of the medical course.

The requirements for *recommendation* to the College of Medical Evangelists include: (a) a satisfactory conduct and character rating, (b) a minimum scholarship rating of 1.5, (c) credit in the basic courses listed below, (d) enough college credit over and above the basic requirements to meet the entrance requirements of the College of Medical Evangelists and the estimate made by the recommendation committee of the needs of the individual student, the total requirement being 96 semester hours, (e) a satisfactory rating in college aptitude and/or psychological tests, and in the Moss medical aptitude test.

#### *Basic Requirements*

Required Courses:	Semester Hours
Biology .....	10
General Physics .....	8
Religion .....	12
Chemistry (Inorganic 8, Organic 6, Quant. Anal. 3) .....	17
Mathematics .....	6
Problems of College and Life (Orientation).....	1
American Constitution.....	2
*French, German, or Spanish.....	6-15
English Composition and Literature.....	6
Physical Education .....	2
Elective Hours .....	16-25

### MEDICAL TECHNOLOGY

Two years of college work are required as preparation for the one year of professional training for Medical Technology, and for Physical Therapy. It is not required that a uniform curriculum shall be followed. Instead, the following requirements are set up for recommendation

\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 15 hours. Students taking two years of Latin in high school must begin one of the above foreign languages on the college level and complete 12 semester hours in the same language.

from La Sierra College: (a) a minimum scholarship rating of 1.5, (b) suitable credit in the basic courses listed below, (c) enough college credit hours to total 64, including the required courses, (d) a satisfactory conduct and character rating.

### *Basic Requirements*

Required Courses:	Semester Hours
Biology (Zoology 6, Embryology 2, Vertebrate Anat. 2)	10
Microbiology (Bacteriology) .....	3
Chemistry (Inorganic 8, Organic 6, Quant. Anal. 3)	17
Physics .....	8
Religion .....	8
English Composition.....	6
American Constitution.....	2
Mathematics .....	3
Problems of College and Life (Orientation).....	1
Physical Education .....	2

### DENTAL

#### *First Year*

	Semester First	Hours Second
Religion .....	2	2
English Composition.....	3	3
Plane Trigonometry.....	3	
Problems of College and Life.....	1	
*General Chemistry .....	3-1	3-1
General Zoology .....	2-1	2-1
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours.....		3

#### *Second Year*

Religion .....	2	2
Quantitative Analysis .....	1-2	
General Physics.....	3-1	3-1
Organic Chemistry .....	2-1	2-1
American Constitution.....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours.....		8

---

\*Science courses carrying laboratory have the laboratory credit hours shown after the class hours.

## NURSING

	Semester First	Hours Second
Religion .....	2	2
Chemistry for Nurses.....	2-1	2-1
English Composition.....	3	3
Human Anatomy.....	3-1	
Human Physiology.....		2
History of Nursing.....	3	
Microbiology .....		3-1
Health Principles.....		2
Physical Education .....	1	1

## DIETETICS

Two years of college work totaling 64 semester hours work are required as preparation for the two years of professional training for dietetics.

*First Year*

Religion .....	2	
English Composition.....	3	3
Problems of College and Life.....	1	
General Chemistry.....	3-1	3-2
Foods and Cookery.....	2-1	2-1
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Education or *Social Studies.....	3	
Elective Hours.....	3	

*Second Year*

Religion .....	2	2
Physiology .....	2	2
American Constitution.....		2
Speech or Radio Speech.....		2
Journalism .....	2	
Everyday Art or Interior Decoration.....	2	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
**Social Studies.....	8	
Elective Hours.....	10	

\*Principles of Education or General Psychology.

\*\*Chosen from two of the following fields, with a minimum of 8 hours of Economics, Psychology, Sociology.

## TERMINAL CURRICULA

## BIBLE WORKERS\*

*First Year*

	First Semester	Second Hours
Bible Doctrines .....	3	3
Daniel and Revelation.....	2	2
English Composition.....	3	3
Public Speaking.....	2	2
Music .....	2	2
Everyday Art .....	3	
Education .....		3
Storytelling .....	1	
Voice .....		1

*Second Year*

Epistles .....	3	3
Personal Evangelism .....	3	3
Church History .....	3	3
Physiology .....	2	2
Gift of Prophecy.....	2	
Elective Hours.....		10

## RECOMMENDED ELECTIVES

Archaeology	Journalism
Clothing	Junior Evangelism
Education courses	Life and Teachings of Jesus
Evidences of Christianity	Music
Foods and Cookery	Old Testament Prophets
Gardening	Psychology
Health and Home Nursing	Speech
History	Tailoring
Interior Decorating	

---

\*This curriculum is designed for mature young men or women wanting a special course. No upper division credit will be given for courses ordinarily so designated unless prerequisites have been met and the student is otherwise qualified.



## TWO-YEAR SECRETARIAL\*

*First Year*

Course	Semester		Hours
	First	Second	
Religion .....	2	2	
English Composition.....	3	3	
Shorthand I .....	4	4	
Typing I.....	1	1	
Problems of College and Life.....	1		
Principles of Accounting.....	3	3	
Economics .....	2	2	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$	

*Second Year*

Religion .....	2		
Shorthand II.....	4		
Typing II .....	1	1	
Office Practice .....		4	
Business Machines.....	1	1	
Business Law.....	3		
American Constitution.....		2	
Ediphone and Filing.....		1	
English or Speech.....	2	2	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$	
Elective Hours.....		8	

## TEACHING (TWO-YEAR ELEMENTARY)

*First Year*

	Semester		Hours
	First	Second	
Religion .....	2	2	
Principles of Geography.....		2	
General Psychology .....	3		
Problems of College and Life.....	1		
Physical Science Survey.....	3		
Biological Science Survey.....		3-1	
English Composition .....	3	3	
Procedures of Teaching in the Elementary School I.....	1	1	
Principles of Education.....		3	
Teaching I .....	1	1	
Crafts .....	2		
Physical Education .....	1	1	

\*The entrance requirement for this curriculum is a diploma from an accredited secondary school, but the courses taken are applicable toward a degree only if the college entrance requirements for degree candidates are fully met. (See "Academic Standards.")

*Second Year*

Religion .....		2
Social Science.....	3	3
Health Education.....		2
Music Education .....	2	
Procedures of Teaching in the Elementary School II.....	2	2
Educational Psychology .....	3	
Voice and Diction.....		2
Applied Arts .....	2	
Art Education.....		2
Teaching II .....	1	2
Teaching Technique and Management.....	2	
Physical Education .....	1	1

## ENROLLMENT ANALYSIS 1945-1946

Regular Semesters	Men	Women	Totals
Freshmen .....	108	161	269
Sophomores .....	43	47	90
Third Year .....	40	24	64
Fourth Year .....	23	9	32
Special and Unclassified.....	26	67	93
Preparatory School.....	123	144	267
Summer Session			
College .....	93	63	156
Preparatory School .....	59	55	114
	<u>515</u>	<u>570</u>	<u>1085</u>
College Total .....			704
Preparatory School Total.....			381

## GRADUATES OF 1945

*Bachelor of Arts*

Richard Clinton Barron  
 \*Thomas Harrison Blincoe  
 LaVern Alton Blumenshien  
 Arthur Edward Dalglish  
 \*Blossom Marcellyne Fairchild  
 Charles Robert Hall  
 Hazel Doreen Howard  
 Ralph Segrid Larson  
 Milton Eugene Longway  
 \*Charles Douglas Martin  
 Edward Byron Matheson  
 \*Kathryn Marie White-Matheson  
 Weldon Howard Mattison  
 Alonzo Ruben Mohr  
 Joseph Holmes Nixon  
 Stephen C. Pritchard  
 Earl Robert Reynolds, Jr.  
 \*Robert Lee Rowe  
 Samuel Stearns Rutan  
 \*Royal Arthur Charles Sage  
 James Vern Scully  
 Calvin Leroy Trautwein

*Bachelor of Science*

William Thomas Aldrich  
 Allan Bryan Cafferky  
 \*Milton Gilmore Crane  
 Elmer J. Digneo  
 \*Samuel Herbert Gorton  
 William E. Gullett, Jr.  
 Malcolm Robert Hill, Jr.  
 Elvin Woodbury Hoag  
 Sylvan Arnold Jacques  
 Ernest William Jordan  
 Melvin Paul Judkins  
 Elmer Wilford Lorenz  
 \*Robert Dalton Mitchell  
 Allen Bray Munroe  
 Anthony Lio Muff

James Hermann Nelson  
 \*William DeGrove Padgett  
 \*Harold Glenn Stevens  
 William Holmes Taylor III  
 Neal Chaffee Woods, Jr.  
 Pearl Soi Yung Wong  
 Edwin T. Wright

*Secretarial Training*

Grace Joan Jeys  
 Mary Alice Johnson  
 Naomi Mildred Nixon  
 \*Nancy Maria Reeder-Sage

*Teacher Training*

Cora Hazel Kelstrom  
 Louise Ivanette Litchfield  
 Carl Christian Schmidt

*Premedical*

\*Donald Revere Ballard  
 Colin Torrey Greenlaw  
 Clifford Heath Imes  
 Charles Jesse Richardson  
 Bertrand Allison Vipond

*Prenursing*

Anita Beth Anderson  
 Waloma Elise Bennett  
 Bette Jane Bolin  
 Doris Aline Donaldson  
 Lois Ruth Freese  
 Emily Aneil Goltermann  
 Dorris Evelyn Hamilton  
 Verle Marjorie Kantz  
 Betty Jean Lear  
 Shirley Mae Lee  
 \*Viola Pearl Miller  
 Emily Mae Munroe  
 Marjorie Jean Parrett  
 Joyce May Taylor

\*Honor Roll. Students who have maintained a grade average of 2 (B) throughout their college course.

## GRADUATES OF 1945

(CONTINUED)

*Preparatory School*

Pauline Helen Barron  
Roberta May Beckner  
Frank Richard Benson  
Mary Jane Bruce  
Lavon Elaine Burke  
Rozella Jean Butka  
Ellen Lorraine Carter  
Mary Alice Chatfield  
Blossom Marcelyne Fairchild  
Ellie Jane Gross  
Shirley Mae Grounds  
Marilyn Edith Ham  
Nadine Louise Hansen  
Harley Burton Hiscox  
Helen Greenleaf Hussey  
Carrol Marie Johnson  
Hilda Mae Johnson  
Vivian Vinette Kinch  
Elaine Adele Lindsay  
Geryldeen Elaine Litwinenco  
Vernon Chin Luthas  
Juletta Ellen McKim  
Robert Melvin McKinney  
Barbara Jane Martin  
June Viola Martin  
Barbara Katharine Moore  
Richmond Kipp Nelson  
Raymond Milford Nelson

Noel Guy Newhard  
Richard Christian Nies  
Betty Louise Penington  
James Oliver Peterson  
Lloyd Grant Pierce  
Barbara Joyce Randall  
Leona Estelle Sabo  
Nadine Yvonne Schlotthauer  
Harold Lewis Shearn  
Charles Melville Smith, Jr.  
Nora Elaine Sterling  
Betty Charlotte Stout  
Cecil Walter Stout  
Charles Marston Sturgeon  
Floyd Luther Templeton  
William Rodney Van Ornam  
Mary Ethel Vickers  
Roy James Vickers  
Frances Mae Walker  
Clarice Belle Wallace  
George Whitmore Walper  
Charles Everett Watkins, Jr.  
Norma Faye Webb  
Don Duane White  
Alice Ann Wilcox  
Rodney Ellsworth Willard  
Nina Elaine Woolfolk  
Derrill Ellsworth Yaeger



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## THE PICTURE SECTION

La Sierra Hall, containing classrooms, the physical science laboratories, and teachers' offices. Built in 1923.

San Fernando Hall, the science building, containing classrooms, laboratories, and teachers' offices for the biological sciences and chemistry. Built in 1931.

Hole Memorial Auditorium, in which are located three large assembly rooms, the chapel occupying the heart of the building, the assembly hall on the first floor, and the music hall behind the chapel. Music studios and practice rooms are on the main floor, and the classrooms and offices of the preparatory school occupy the lower floor. Built in 1937.

The College Church, a beautiful gothic structure, seating 2,000 in the main auditorium. Will be completed in 1946.

The College Cafeteria, a Spanish-style building containing, in addition to the main dining room, club and banquet rooms on the main floor surrounding the patio, and on the ground floor are the kitchen, bakery, storerooms, freezing units, and apartments for the matron and her assistant. The Home Economics Department occupies the south end of the ground floor. Built in 1941.

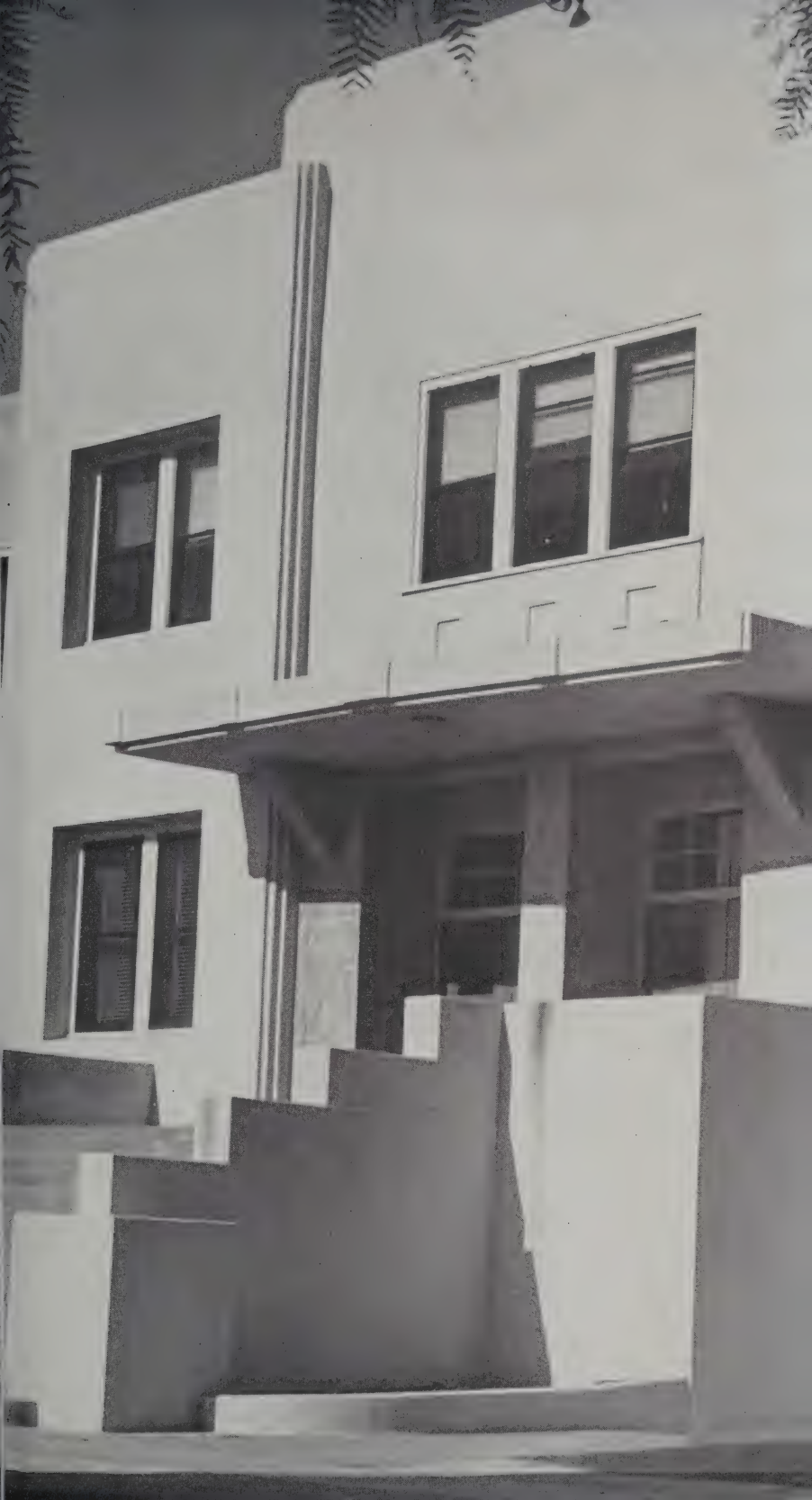
Angwin Hall, a residence hall for college women, containing, in addition to fifty student rooms, the dean's apartment, a dispensary, a hair-dressing shop, an assembly room, and a dinette. Built in 1940.

Calkins Hall, a residence hall for college men, containing thirty-nine student rooms, the apartment of the dean of men, a dispensary, a hobby workshop, and an assembly room. Built in 1938.

College Hall is located on Campus Drive, west of the campus, and is the recreation center for the students. It has 24,000 square feet of floor space for games and skating. It was built in 1935.







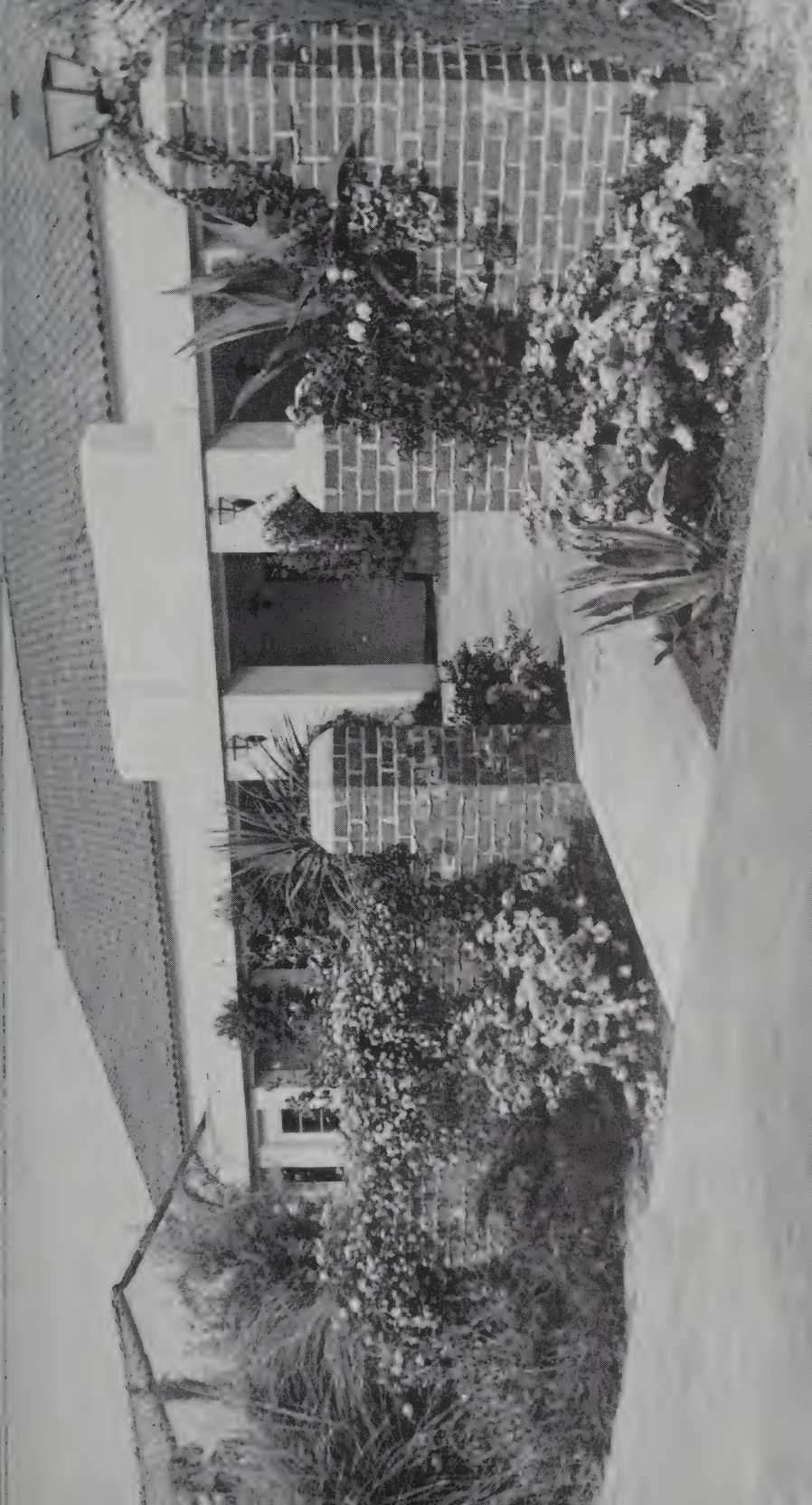














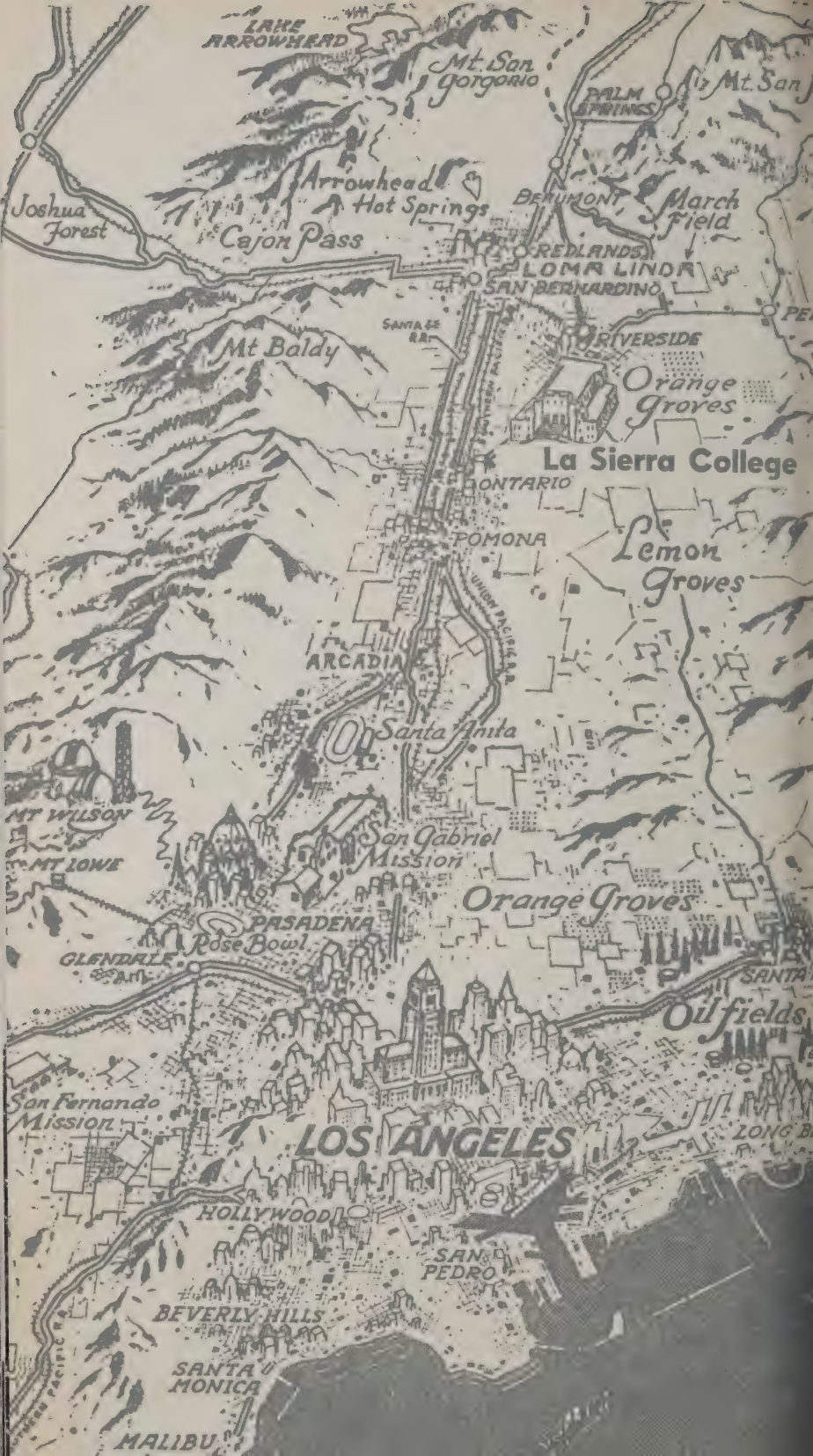












LAKE  
ARROWHEAD

Mt. San  
Gorgorio

PALM  
SPRINGS

Mt. San

Joshua  
Forest

Arrowhead

Hot Springs

BEAUMONT

March  
Field

Cajon Pass

REDLANDS

LOMA LINDA

SAN BERNARDINO

Mt Baldy

SANTA FE  
RA.

RIVERSIDE

Orange  
Groves

La Sierra College

ONTARIO

POMONA

Lemon  
Groves

ARCADIA

On Santa Anita

San Gabriel  
Mission

Orange Groves

PASADENA

Rose Bowl

GLENDALE

SANTA  
Oil fields

San Fernando  
Mission

LOS ANGELES

HOLLYWOOD

SAN PEDRO

BEVERLY HILLS

SANTA  
MONICA

MALIBU



COURTESY OF  
THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED









*Latens*

# La Sierra College

BULLETIN  
1947-1948



ARLINGTON, CALIFORNIA









LAKE  
ARROWHEAD

Mt. San  
Gabriel

PALM  
SPRINGS

Mt. San Jo

Joshua  
Forest

Cajon Pass

Arrowhead  
Hot Springs

BEAUMONT

March  
Field

REDLANDS  
LOMA LINDA  
SAN BERNARDINO

Mt Baldy

SANTA FE  
R.R.

RIVERSIDE

Orange  
Groves

La Sierra College

DONTARIO

POMONA

Lemon  
Groves

ARCADIA

Santa Anita

MT WILSON

MT LOWE

San Gabriel  
Mission

Orange Groves

PASADENA

Rose Bowl

GLENDALE

Oil fields

San Fernando  
Mission

LOS ANGELES

HOLLYWOOD

SANTA  
PEDRO

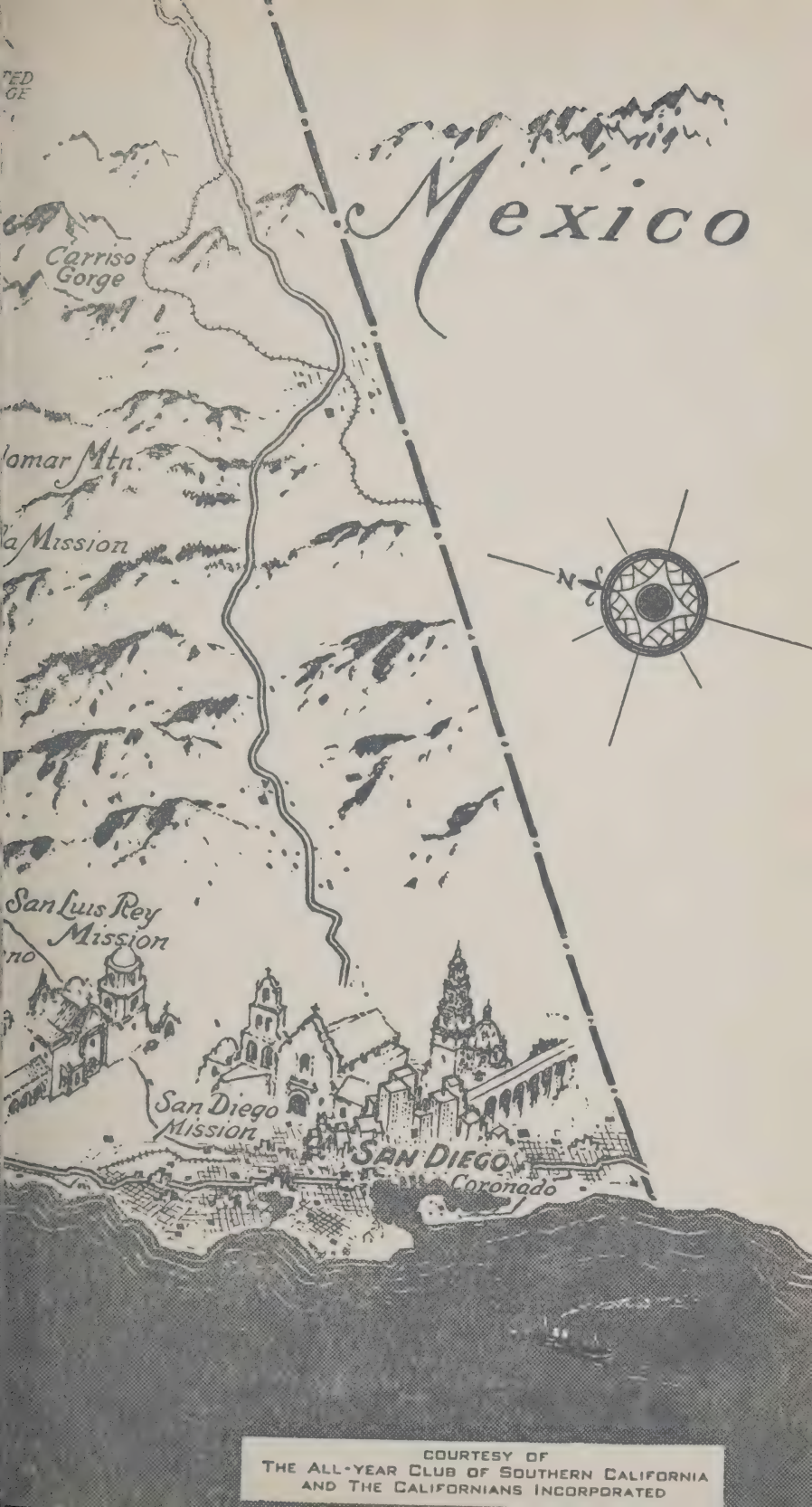
BEVERLY HILLS

SANTA  
MONICA

MALIBU

UTAH  
PACIFIC

LONG BE



ED  
GE

Mexico

Carrizo  
Gorge

Pomeroy Mtn.

La Mission

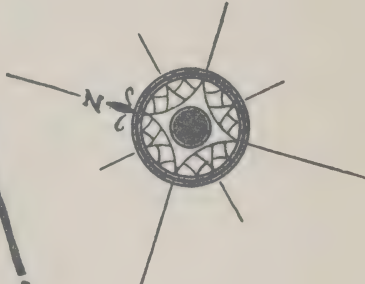
San Luis Rey  
Mission

no

San Diego  
Mission

SAN DIEGO

Coronado



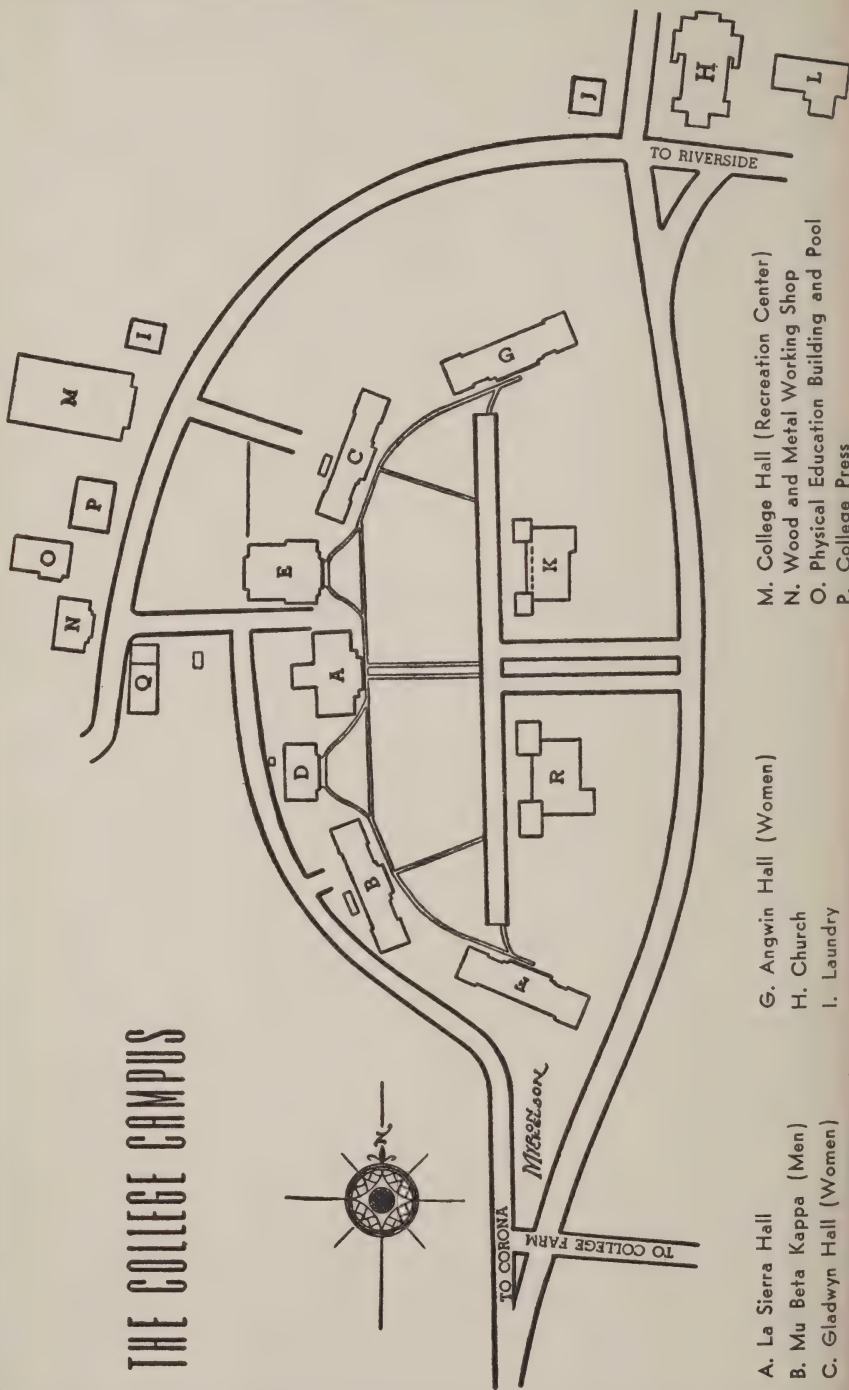
COURTESY OF  
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AND THE CALIFORNIANS INCORPORATED





LA SIERRA COLLEGE  
BULLETIN

# THE COLLEGE CAMPUS



- |                                |   |
|--------------------------------|---|
| A. La Sierra Hall              | M. College Hall (Recreation Center)     |
| B. Mu Beta Kappa (Men)         | N. Wood and Metal Working Shop          |
| C. Gladwyn Hall (Women)        | O. Physical Education Building and Pool |
| D. San Fernando Hall (Science) | P. College Press                        |
|                                | Q. Tennis Courts                        |
| G. Angwin Hall (Women)         |   |
| H. Church                      |   |
| I. Laundry                     |   |
| J. College Store               |   |

# LA SIERRA COLLEGE BULLETIN

CATALOG NUMBER

1947-1948

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Enrollment Analysis	-	-	-	95

# CALENDAR

1947-1948

September	January	May
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1
7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8
14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15
21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22
28 29 30	25 26 27 28 29 30 31	23 24 25 26 27 28 29
		30 <u>31</u>
October	February	June
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1 <u>2</u> 3 4 5 <u>6</u> 7	1 <u>2</u> 3 <u>4</u> 5
5 6 7 8 9 10 11	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	29	27 28 29 30
November	March	July
S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5 6	1 2 3
2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10
9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17
16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24
23 <u>24</u> <u>25</u> <u>26</u> 27 28 29	28 29 30 31	25 26 27 28 29 30 31
30		
December	April	August
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1 2 3 4 5 6 7
7 8 9 10 11 12 13	4 <u>5</u> <u>6</u> <u>7</u> 8 9 10	8 9 10 11 12 13 14
14 15 16 17 18 19 20	11 12 13 14 15 16 17	15 16 17 18 19 20 21
21 22 23 24 25 26 27	18 19 20 21 22 23 24	22 23 24 25 26 27 28
28 29 30 31	25 26 27 28 29 30	29 30 31

**Bold Dates**—Financial periods close (Accounts due within ten days).

**Underscore**—Examination days.

# CALENDAR OF EVENTS

## 1947-1948

### SUMMER SESSIONS 1947

First Summer Session Registration.....	June 15
Second Summer Session Registration.....	July 27



### FIRST SEMESTER

Freshman Day*	September 22
Registration for Returning Students.....	September 22, 23
Freshman Registration.....	September 23
Instruction Begins.....	September 24
Last Day to Enroll for First Semester**	October 3
Founders' Day.....	October 3
Fall Week of Prayer.....	November 3-8
Mid-semester Examinations.....	November 24-26
Autumn Recess 1:00 P. M.....	November 26
to 6:00 P. M.....	November 30
Seniors Organize.....	December 9
Senior Presentation.....	December 15
Winter Vacation 1:00 P. M.....	December 19
to 6:00 P. M.....	January 4
First Semester Examinations.....	February 2-6
First Semester Closes.....	February 6



### SECOND SEMESTER

Second Semester Registration.....	February 2-6
Second Semester Instruction Begins.....	February 9
Last Day to Enroll for Second Semester**	February 20
College Day.....	March 3
Spring Week of Prayer.....	March 22-27
Mid-Semester Examinations.....	April 5-7
Spring Recess 6:00 p. m.....	April 7
to 6:00 p. m.....	April 11
Alumni Homecoming.....	May 2
Second Semester Examinations.....	May 31-June 4
Consecration.....	June 4
Baccalaureate.....	June 5
Commencement.....	June 6



### SUMMER SESSIONS 1948

First Summer Session Registration.....	June 21
Second Summer Session Registration.....	July 27

\*All students with less than twenty-eight hours of college credit, who have not taken the La Sierra or Pacific Union College freshman tests, are expected to be present at 9:30 A.M., September 22, in the college chapel, to take such tests.

\*\*See note on registration on page 30.

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the College and faculty appointments should be addressed to the President.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
Evaluation of Credits.....	Registrar
Graduate Placement.....	Dean of the College
Transcripts of Records.....	Registrar
Summer Sessions.....	Dean of the College
Veterans' Affairs.....	Dean of the College



## ADMINISTRATION AND FACULTY

### BOARD OF TRUSTEES

C. L. BAUER, *President*  
Glendale, California

G. T. ANDERSON, *Secretary*  
Arlington, California

K. F. AMBS, *Treasurer*  
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C. E. ANDROSS  
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Los Angeles, California

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A. C. NELSON  
Glendale, California

P. W. CHRISTIAN  
Angwin, California

H. L. SHULL  
Angwin, California

G. T. CHAPMAN  
Arlington, California

E. L. PLACE  
Sanitarium, California

FREDERICK GRIGGS  
Los Angeles, California

WALTER E. MACPHERSON  
Los Angeles, California

### REGIONAL FIELD REPRESENTATIVES

A. J. WERNER  
Box 1871, Phoenix, Arizona

W. L. AVERY  
P. O. Box 580, San Jose 4, California

A. W. MILLARD  
1112 Keeaumoku Street, Honolulu 46, T. H.

D. E. JACOBS  
Box 139, Sugarhouse Station, Salt Lake City, Utah

W. W. RUBLE  
Box 149, Oakland 4, California

W. O. BALDWIN  
Box 584, Arlington, California

N. W. DUNN  
Station A, Box 148, Los Angeles 31, California

## ON CAMPUS ADMINISTRATION

### OFFICERS OF ADMINISTRATION

- G. T. ANDERSON, PH. D., *President*  
K. F. AMBS, M. BUS. ADM., *Business Manager*  
C. D. STRIPLIN, M. S., *Dean*  
WILLETA CARLSEN, A. B., *Registrar*  
N. L. PARKER, A. B., *Principal of Preparatory School*  
E. B. MATHESON, A. B., *Dean of Men*  
MARY CHAMPION, B. S., *Dean of Women*  
OLIVE SEVERS PALMER, B. S. in L. S., *Librarian*

### ASSOCIATES IN ADMINISTRATION

- W. E. ANDERSON, M. BUS. ADM., *Assistant Business Manager*  
ANNA VAN AUSDLE, A. B., *Director of Cafeteria*  
ESTHER LOGAN, A. B., *Secretary of Admissions*  
CORAMAE THOMAS, A. B., *Assistant Dean of Women*  
PATRICIA COPE, R. N., *Director of Health Service*

### OFFICERS OF AUXILIARY ACTIVITIES

- C. L. MARTIN, *Superintendent of Maintenance*  
WALTER KENNEDY, *Superintendent of College Press*  
G. E. STEARNS, *Superintendent of College Farm*  
F. E. ROMANT, *Superintendent of College Store*  
E. W. MATHESON, *Custodian*

## INSTRUCTIONAL STAFF

- WILFRED J. AIREY, Ph. D., *Professor of History*  
A. B., Walla Walla College, 1933; M. A., University of Washington, 1938; Ph. D., University of Washington, 1945. Present position, 1941 -
- MARGARETE AMBS, M. A., *Professor of Modern Languages*  
A. B., Emmanuel Missionary College, 1935; M. A., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944. Present position, 1938 -
- E. STRAUSS CUBLEY, M. Bus Adm., *Professor of Business Administration*  
A. B., Walla Walla College, 1924; M. Bus. Admin., University of Washington, 1931; residence work for doctorate completed 1940, University of Washington. Present position, 1945 -
- \*LESTER H. CUSHMAN, M. S., *Professor of Mathematics*  
A. B., Pacific Union College, 1930; M. S., University of Southern California, 1932. Present position, 1930 -
- LLOYD E. DOWNS, M. A., *Professor of Biology*  
A. B., Pacific Union College, 1933; M. A., Pacific Union College, 1945. Present position, 1944 -
- HAROLD B. HANNUM, M. Mus., A. A. G. O. *Professor of Organ and Theory*  
A. B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M. Mus., Northwestern University, 1935. Present position, 1944 -
- J. CECIL HAUSSLER, Ph. D., *Professor of Religious History*  
A. B., Walla Walla College, 1923; M. A. Occidental College, 1927; Ph. D., University of Southern California, 1945. Present position, 1944 -
- EDWARD HEPPENSTALL, M. A., *Professor of Religion*  
B. Th. Stanborough Park College, England, 1928; A. B. Emmanuel Missionary College, 1933; M. A., University of Michigan, 1934; graduate work University of Southern California, 1941-1942, 1945-1946. Present position, 1940 -
- PAUL C. HEUBACH, M. A., *Professor of Applied Theology and Student Counselor*  
A. B., Pacific Union College, 1935; M. A., Washington Theological Seminary, 1944; graduate work, University of Southern California, 1942-1943. Present position, 1942 -
- MAYBEL JENSEN, M. A., *Professor of Elementary Teacher Training*  
A. B., Union College, 1925; M. A., University of Southern California, 1932; graduate work University of Southern California. Present position, 1925 -
- IRENE E. ORTNER, M. A., *Professor of Secretarial Science*  
A. B., Atlantic Union College, 1934; M. A., Boston University, 1939. Present position, 1944 -
- LOUIS C. PALMER, M. S., *Professor of Chemistry*  
A. B. Union College; M. S., University of Southern California; graduate work, University of Southern California, (Summers, 1940-1945) 1946-1947. Present position, 1936 -

\*On leave, 1947-1948.

MABEL CURTIS ROMANT, A. B., M. O. *Professor of Speech*  
A. B., Emmanuel Missionary College, 1925; M. O., Chicago School  
of Expression and Dramatic Art, 1929; graduate work Catholic Uni-  
versity of America, 1936, 1937. Present position, 1940- .

C. D. STRIPLIN, M. S. *Professor of History*  
A. B., Walla Walla College, 1919; M. S. University of Southern  
California, 1934; graduate work, University of Washington, 1943-1945.  
Present position, 1945- .

JULIAN L. THOMPSON, Ph. D. *Professor of Physics*  
B. S., Pacific Union College, 1923; M. S., University of Oklahoma,  
1931; Ph. D., University of Chicago, 1939. Present position, 1946 - .

FRANK JUDSON *Visiting Professor of Agriculture*  
B. S. Madison College; M. S. University of Tennessee.

RALPH PIERCE *Visiting Professor of Piano*  
Student of Ethel Leginska; concert pianist, appearing throughout the  
United States and Europe.

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ALICE C. BABCOCK, M. A. *Associate Professor of English*  
A. B., Pacific Union College, 1930; M. A., Pacific Union College, 1943;  
Present position, 1944 - .

EDNA S. FARNSWORTH, B. F. A., M. Mus. *Associate Professor of Piano*  
B. F. A. in Music, Nebraska Wesleyan University, 1938; M. Mus.,  
Redlands University, 1941. Present position, 1939 - .

JOHN T. HAMILTON, M. Mus. *Associate Professor of Voice*  
B. Mus., Northwestern University; M. Mus., Northwestern University;  
Present position, 1947 - .

VARNER J. JOHNS, J. D. *Associate Professor of Religion*  
A. B., Union College, 1913; J. D., American University of Law, 1939.  
Present position, 1945 - .

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W. E. ANDERSON, M. Bus. Admin. *Assistant Professor of*  
*Business Administration*  
A. B., Emmanuel Missionary College, 1932; M. Bus. Admin., Univer-  
sity of Southern California, 1945. Present position, 1943 - .

WALTER F. SPECHT, M. A. *Assistant Professor of Biblical Languages*  
*and Religion*  
B. Th., Walla Walla College, 1936; M. A. Washington Theological  
Seminary, 1947. Present position, 1945 - .

ALFRED WALTERS, M. Mus. *Assistant Professor of Violin*  
B. S., Fredonia State Teachers' College, 1940; M. Mus., Boston Uni-  
versity, 1946. Present position, 1947 - .

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GEORGE ALFKE, A. B. *Instructor in Physical Education*  
A. B., Atlantic Union College, 1947. Present position, 1947 - .

ALICE ANDERSON, A. B. *Instructor in Secretarial Science*  
A. B., Emmanuel Missionary College, 1932. Present position, 1946 - .

LILLIAN L. BEATTY, M. A. *Instructor in English*  
A. B., Walla Walla College, 1925; M. A. Stanford University, 1935.  
Present position, 1946 - .



- \*DORIS H. CARLSEN, A. B. *Instructor in Home Economics*  
A. B., Pacific Union College, 1929; graduate work Oregon State College, 1940, 1944, 1946. Present position, 1942 - .
- W. T. CRANDALL, A. B. *Instructor in English*  
A. B., Washington Missionary College, 1930; graduate work at University of Southern California, 1945, 1946. Present position, 1934 - .
- PAULINE CUSHMAN, A. B. *Instructor in Biological Sciences*  
A. B., Pacific Union College, 1931. Present position, 1946 - .
- ALTA GROFF, R. N., A. B. *Instructor in Preparatory Nursing*  
A. B., Emmanuel Missionary College, 1943; R. N., White Memorial Hospital, 1946. Present position, 1946 - .
- HOPE H. HAYTON, M. A. *Instructor in Modern Languages*  
A. B., Pacific Union College, 1929; M. A., University of Southern California, 1934. Present position, 1946 - .
- MRS. LYLE HENDERSON, A. B. *Instructor in Physical Education*  
A. B., Union College, 1946. Present position, 1947 - .
- ROLLAND H. HOWLETT, A. B. *Instructor in Printing*  
A. B., Emmanuel Missionary College, 1937. Present position, 1946 - .
- W. WALTER KENNEDY, A. B. *Instructor in Printing*  
A. B., Pacific Union College, 1938. Present position, 1945 - .
- ELIZABETH M. SAUNDERS, A. T. C. M., A. B. *Instructor in Piano*  
A. T. C. M., Toronto Conservatory, Canada, 1939. A. B., Atlantic Union College, 1944. Present position, 1946 - .
- \*ELLEN SHORT, A. B. *Instructor in Piano*  
A. B., Emmanuel Missionary College, 1945. Present position, 1945 - .
- REUBEN A. SPRENGEL, A. B. *Instructor in Chemistry*  
A. B. Pacific Union College, 1943. Present position, 1946 - .
- CHLOE ADAMS SOFSKY, A. B., B. F. A. *Instructor in Art*  
A. B. Union College, 1933; B. F. A., University of Nebraska, 1937. Present position, 1945 - .
- RUTH J. STENBORN, B. S. *Instructor in Home Economics*  
B. S., School of Dietetics, College of Medical Evangelists, 1945. Graduate work at University of California, 1945-1946. Present position, 1946 - .
- CORAMAE THOMAS, A. B. *Instructor in English*  
A. B., Union College, 1946. Graduate work Redlands University, 1946-1947. Present position, 1947 - .
- ALWIN L. TOEWS, A. B. *Instructor in Industrial Arts*  
A. B., Pacific Union College, 1925; Fresno State College, 1930. Present position, 1939 - .
- CLARENCE O. TRUBEY, A. B. *Bandmaster and Instructor in Band Instruments*  
A. B., Pacific Union College, 1935; graduate work University of Southern California, 1942-1945. Present position, 1945 - .
- JAMES RIGGS, A. B. *Assistant in Physics*  
A. B., La Sierra College, 1947. Present position, 1947 - .

\*On leave, 1947-1948.

## PREPARATORY SCHOOL SUPERVISORS

- MABEL ANDRE, M. A. *Modern Languages*  
 A. B., Washington Missionary College, 1919; M. A., University of Southern California, 1935. Present position, 1943 - .
- ELMER J. DIGNEO, B. S. *Science*  
 B. S., La Sierra College, 1945. Present position, 1940 - .
- A. C. MADSEN, M. A. *Bible and History*  
 A. B., Union College, 1916; M. A., University of Southern California, 1935. Present position, 1944 - .
- FEDALMA RAGON, A. B. *English*  
 A. B., Pacific Union College, 1919. Present position, 1929 - .
- 

## ELEMENTARY SCHOOL SUPERVISORS

- MARY WITCHEY GROOME, A. B. *Grade One*  
 A.B., University of Redlands, 1943; graduate work at Claremont College, 1946. Present position, 1938 - .
- MARY WOODWARD, A. B. *Grade Two*  
 A.B. Pacific Union College, 1940. Graduate work U.C.L.A., 1946. Present position, 1947 - .
- NELLIE G. ODELL, A.B. *Grade Three*  
 A.B., Pacific Union College. Present position, 1945 - .
- HAZEL OLESON SHAFER, A.B. *Grade Four*  
 A.B. Washington Missionary College, ; graduate work at University of Redlands, 1942. Present position, 1942 - .
- (To be supplied) *Grade Five*
- MAUDE REID, M.A. *Grade Six*  
 A.B. Union College, 1930; M.A., University of Oklahoma, 1945. Present position, 1947 - .
- ANNA L. JOHNSTON, A.B. *Grade Seven*  
 A.B., Union College, 1940; graduate work at University of Nebraska. Present Position, 1945 - .
- (To be supplied) *Grade 8, Principal*
- DAISY DARROW STURGES, Ped. B. *Instructor in Teacher Training*  
 Ped. B., Carnegie. Present position, 1928 - .

## FACULTY COMMITTEES

### *Administrative Council*

G. T. Anderson, K. F. Ambs, Wileta Carlsen, Mary Champion, E. S. Cubley, Edward Heppenstall, E. B. Matheson, N. L. Parker, C. D. Striplin.

### *Religious Activities*

J. C. Haussler, Mary Champion, J. T. Hamilton, Edward Heppenstall, P. C. Heubach, Varner J. Johns, E. B. Matheson, N. L. Parker, Walter Specht.

### *Academic Policies*

C. D. Striplin, W. J. Airey, Doris Carlsen, Wileta Carlsen, E. S. Cubley, H. B. Hannum, Edward Heppenstall, Maybel Jensen, Julian Thompson.

### *Curriculum*

President, Dean, Registrar, Department Heads.

### *Personnel*

C. D. Striplin, Wileta Carlsen, Mary Champion, Patricia Cope, Paul C. Heubach, E. B. Matheson, Walter F. Specht.

### *Library*

Olive Severs Palmer, W. E. Anderson, Alice Babcock, L. E. Downs, John Hamilton, J. C. Haussler, Walter Specht.

### *Public Relations*

G. T. Anderson, K. F. Ambs, W. T. Crandall, H. B. Hannum, J. C. Haussler, N. L. Parker, Mabel Romant, C. D. Striplin.

### *Social Activities*

Walter T. Crandall, Margarete Ambs, W. E. Anderson, H. B. Hannum, Walter Kennedy, E. B. Matheson, Irene Ortner, N. L. Parker, Mabel Romant.





# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all the famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. From the campus can be seen through the winter months the snow-clad peaks of the southern Sierra, rising above the orange groves, giving a rare beauty to the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

**ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY.** In this building are the administrative and business offices of the college, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and a microfilm room fitted with reading machines and storage cabinets. Built in 1946.

**LA SIERRA HALL,** once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Studies, and Language Divisions, and the Physics Department. Built in 1923.

**SAN FERNANDO HALL** contains the teachers' offices, classrooms, and laboratories of the Science Division. Built in 1931.

**THE HOLE MEMORIAL AUDITORIUM BUILDING** contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

**THE DEMONSTRATION SCHOOL,** located northeast of the main campus, combines the functions of parochial school for the community,

and demonstration school for the department of Elementary Education. There are eight class rooms, eight teachers' offices, and each class room has space for activities. Built of fireproof Latisteel construction. It will be ready for occupancy by September, 1947.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women, and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, the office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and two smaller dining rooms known as the "Club Room" and the "Banquet Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE INDUSTRIAL BUILDINGS include one for shop instruction, including wood and metal working equipment, and offices, La Sierra College Press, the laundry, and the college general store.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms, offices and classrooms. Built in 1946.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the college. A number of students are given employment in the factory.

THE CHURCH, a beautiful house of worship for College and community, is located north of the campus on College property. It has a seating capacity of 2,200. Built in 1947.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

The first college work was offered in 1923, in teacher training, and the school acquired a name, La Sierra Academy and Normal school. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year pre-medical curriculum at La Sierra.

*Accreditation:* La Sierra College is now accredited as a College of Liberal Arts by the Northwest Association of Secondary and Higher Schools, and is approved by the Board of Regents of the General Conference of Seventh-day Adventists. The College is also a member of the American Council on Secondary Education, and the Association of American Colleges.

*Curricula.* The College has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The College also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medicine, dentistry, dietetics, and nursing, and those preparing for business.



Those who successfully complete a four-year curriculum, after having met the graduation requirements of the college, are granted the degree of Bachelor of Arts or Bachelor of Science. Those completing a junior college or pre-professional curriculum are granted an Associate of Arts diploma.

## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the College is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the biblical specifications of the man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

## STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the College have been defined as follows:

1. *Intellectual objectives.* The College seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The College endeavors to lead students to the acceptance and practice of those ethical and moral concepts which



are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The College seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The College endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the functioning and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the College to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that

character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the College for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the College, as listed in the *Student Handbook* (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra have developed from the experience of students and teachers. Each rule and traditional practice is a guide post directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the College.*

As the College retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the College, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

*Guidance.* Formal instruction and teacher-student contacts in the classroom alone fail to meet the needs of the modern student in his studies, in his social life, and in his spiritual development. The school which stops with these formal contacts has failed in its duty to the student. Therefore it is the plan at La Sierra to provide for the guidance of every student under the close personal supervision of a member of the faculty, selected for the purpose by the student himself. These contacts are informal and friendly but are sufficiently constant for the student to know that his welfare is being looked after, his interests sought, and that there are faculty members to whom he may go with his problems. Of course every teacher takes an interest in his pupils. But the counselor's interest includes and coordinates all these other interests. He is interested in the whole welfare and in the whole well-being of the student. Each counselor's list is kept short to insure these contacts which constitute no small part of the spiritual, social, and character building values in the College.

*Residence.* The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the College undoubtedly come to the students who live

on the campus. Therefore, all unmarried students who do not live with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and worthy students who, having made written request to the Board of Trustees, are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the *Student Handbook*.

*Health Service.* It is the purpose of the College to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the College maintains a cafeteria where well prepared food is served, and where an effort is made to educate the students in the selection of well balanced meals.

*The Physical Fitness Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastic and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered the student in training for leadership in organization and in the various student activities.

*The Arts and Letters* and the *Arts and Crafts Guilds*. These are organizations to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The clubs offer opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The objectives of the *Associated Student Body* are to provide for the social, recreational, and promotive interests of the College; and to furnish a point of contact between faculty and students. All students become members of this organization upon registration. The *College Criterion* is the organ of the Associated Student Body.

The aim of the *College Commercial Club* is to foster a spirit of friendliness among the commercial students, to acquaint them with



the various problems which will be met in an office, and to meet representative business men and women, thus forming contacts valuable in business life.

The *Filomena Club* is open to all pre-nursing students. Its aim is to foster an interest in nursing and to acquaint the pre-professional student with some of the trends and current problems in her chosen field.

The *Home Economics Club* is organized for the purpose of fostering Christian ideals with respect to personal and family living and to develop a fuller appreciation of the meaning of gracious manners and healthful living. Membership is open to all students enrolled in courses in the Home Economics Department.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political inter-relations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

The *Language Clubs* meet at regular intervals during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in foreign missions, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Music Guild* was formed to provide opportunity for self-expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

With a membership of those with some experience and much interest in things photographic, *The Photography Club* serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Radio Club* has for its purpose the increase of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

The *Science Club* is of particular interest to students in the preparatory courses for medicine, dentistry, dietetics, and nursing; and to science majors. Organized as an honor society it is open, by invita-



tion, to those who maintain consistently high standards in scholarship and character. Lectures by visiting scientists and professional men, and visits to places of scientific interest serve to promote an appreciation for scientific progress in relation to one's life work.

*Sigma Phi Kappa* is a women's club similar in purpose to Mu Beta Kappa.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

The *Veterans' Club* is composed of veterans of all the Allied armed forces of both World Wars. Its purpose is to foster fellowship and promote religious and social activities on the campus.

## PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra.

## MISCELLANEOUS INFORMATION

*The Summer School.* The College conducts two summer sessions of six weeks each. For information please write for the summer sessions *Bulletin*.

*The Preparatory School.* The College has connected with it a fully accredited academy or preparatory school. For information please write for the *Bulletin* of La Sierra Preparatory School.

*Communications.* The mail address of the College is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is: Riverside 9180. After 6:00 P.M. during the summer and 9:30 during the school year and on Sabbath (Saturday) call the following numbers: President, Riverside 9264; Manager, Riverside 9760-J-1; Men's Home, Riverside 9261; Women's Home, Riverside 9267.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.



# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) Character, (2) Citizenship Reputation, (3) Scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the College at least thirty days before the student desires to enter. *Under no circumstances should a student come to the College before he has had formal notice of acceptance by the Admissions committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or on the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the Dean of the College.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies

on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the Dean, or they may obtain information from the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the Dean, or from the board office in Sacramento.

*Admission to Freshman Standing.* Sixteen units of credit from high school, with a grade average of "C" is the normal basis for admission to freshman standing. More specifically, the student should fulfill the requirements in one of the three following patterns:

1. *By certificate of graduation* from an accredited secondary school, with units of credit distributed as follows:

(a) English, three units.

(b) Mathematics, two units. This must consist of one unit each of Algebra and Geometry.

(c) History, one unit. This must be a unit of either American History or Civics, or a unit made up of the two.

(d) Science, one unit. This must be a unit in one field, and must be a third or fourth year course with laboratory.

(e) Foreign language, two units, in the same language.

(f) An additional unit from the following: a third year of the (e) language, a third year in mathematics, a second year of science, or two units of a second language.

(g) Religion, one unit for each year spent in a Seventh-day Adventist secondary school, to the extent of four units, or, one unit of social studies.

2. *By standard examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies committee. Such examinations should be taken before the student completes his registration.

3. *On superior scholarship.*

(a) A student with sixteen secondary credits who ranks in the upper tenth of his class, who has not more than two subject deficiencies



in the required list, none of them prerequisite to his college curriculum, may be admitted to freshman standing.

(b) A student with sixteen credits, of which twelve in the tenth, eleventh, and twelfth years have "A" or "B" grades, may be admitted to freshman standing with not more than two entrance deficiencies in non-essential fields.

The same entrance requirements hold for junior college curricula, except as they may vary to meet the entrance requirements of professional schools, or as stated in the curriculum section of this BULLETIN.

Entrance deficiencies should be removed before a regular program of college studies is undertaken, the student meanwhile being classified as "special." In some instances deficiencies may be removed on the college level, at the rate of six semester credit hours for each unit, except in foreign language, in which case a deficiency of two high school units may be removed by taking an eight-hour beginning college course in a modern foreign language.

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore standing after successfully completing twenty-eight semester hours, to junior standing after successfully completing sixty hours if he has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of his junior year. After completing ninety-two semester hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the Registrar for degree candidacy. No credits with grade average below "C" will be counted in classifying a student.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the Dean is satisfied that their maturity and scholastic background merit admission.

They will be restricted, however, to lower division classes. Whenever such a student has earned credit which entitles him to full standing this will be accorded him.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* Freshmen students (with less than twenty-eight semester hours of credit) must be at the College for the full program of the Freshman Days. (See Calendar, page 7.) Otherwise registration may be delayed and unsatisfactory. Other students, regardless of classification, who have never taken college entrance psychological tests or placement examinations are also asked to be present on Freshman Days. Other students are urged to be present for the regular registration days.

Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the President or Dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or one week of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra for whom aptitude and placement scores are not available, are required to take such tests before registering, on the days designated as Freshman Days. The College reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and physical education, except by previous arrangement with the Registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a "C" level or above must be maintained in all classes. The student will be asked to drop classes not kept up to standards. It is not the policy of the College to permit the carrying of more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies during the first two weeks of a regular semester with the consent of the instructor, the personal adviser, and the college Dean.

Courses may be dropped during the first four weeks on the same basis. After the first four weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the Dean.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a permit secured from the manager, for which he is authorized to collect a fee of three dollars.

*Scholarship Reports.* Cards showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only by permission from the manager.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the College, without securing permission in advance from the Dean. No such permission can be granted for courses in the upper biennium. Credits earned in violation of this regulation will not be honored by the College. Credits earned by correspondence after failure in the same course at La Sierra, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the College. Tutoring service is arranged by the staff, with the consent of the Academic Policies committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the Federal Bureau of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. Absence lists are posted daily, and it is the responsibility of the student to see that errors in the records are corrected. A leave of absence does not excuse from any college classes. For further information as to attendance regulations the student is referred to the *Student Handbook*.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or two fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (Excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (Failure or WF).....	minus 1
E (warning) (No grade higher than "D" in the course for the semester.)	
I (incomplete) (Becomes a failure if not removed within six weeks after being reported on the grade card.)	
Wp (withdrew passing)	
Wf (withdrew failing)	



# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including baccalaureate degrees. The College confers the degrees of Bachelor of Arts and Bachelor of Science.

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies committee, in which the liberal arts pattern is not consistently followed.

The College also grants certificates to students completing junior college pre-professional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium.

## COMPREHENSIVE EXAMINATIONS

Each candidate for a degree will be given a comprehensive examination, under the direction of his major professor. The examination, a part of which may be oral, will be given in two parts of approximately three hours each, on two consecutive days. Any substitute arrangements made by a member of the teaching staff must have the previously given approval of the Academic Policies committee.

## THE BACCALAUREATE DEGREES

### *The General Requirements:*

A student who receives a Baccalaureate degree must fulfill certain prescribed requirements as to amount, grade, and distribution of work including:

1. The completion of all entrance requirements.
2. The completion of a total of 128 semester credit hours, (140 hours in Theology), of which forty must be in the upper biennium.
3. Honor points equal to the total number of credit hours, that is, a minimum over-all average of "C".
4. The senior year's work taken in residence.\*
5. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. No grade below "C" may be counted on either the major or the minor.
6. A passing grade in a comprehensive examination in the major field.
7. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.
8. The candidate has the choice of graduating according to the standards of either his junior or senior year.
9. Completion of the basic requirements for the Bachelor's degree.

### BACHELOR OF ARTS DEGREE

#### *Basic Requirements:*

Based upon the complete fulfilment of all college entrance requirements as listed on page 28.

1. Religion: fourteen hours, exclusive of Bible Survey, and including four hours in Daniel and the Revelation and four hours in Bible Doctrines. Six hours must be in the upper biennium.
2. Education or Psychology: three hours. Principles of Education, Philosophy of Education or General Psychology.
3. English: twelve hours including English Composition; may include four hours of Speech or Journalism; must include two hours of Literature.

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\* The residence requirement for degree candidates may be met by attending for two consecutive semesters with a minimum of twelve credit hours each semester. Of the forty hours required in the upper biennium, twenty-four must be earned at La Sierra during the period of candidacy. No credit will be given for freshman courses taken in the senior year.

4. Foreign Language: six hours required of the student who pursues the same language in college in which he has completed two units in the secondary school. Fourteen semester hours required of the student who begins a new language in college.

5. Health: six hours, which may include a maximum of four hours in Physical Fitness or its equivalent. All freshmen and sophomores are required to enroll in Physical Fitness classes.

6. History: a six-hour course in one field.

7. Political Science: two hours in the American Constitution. This requirement may be waived when six hours of American History are presented, in which case two additional hours must be taken, either in History or Political Science.

8. Problems of College and Life: one hour, taken in the first freshman semester.

9. Applied or Industrial Arts: six hours.

10. Science and/or Mathematics: eight hours.

11. Fine Arts: four hours. The student may select Music Appreciation 5a,b, Art Appreciation 3a,b, or Aesthetics 160a or b.

#### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirement, which are not required.





## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1948-49, those without this mark will be offered in 1947-1948 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement. The college reserves the right to withdraw a lower biennium class offering for which less than ten students have registered.

Courses carrying odd numbers and the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Courses carrying even numbers, and those with odd numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered from 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who have earned a minimum of sixty credit hours and who otherwise qualify for studies in the upper biennium.

The divisions are:

- I. RELIGION AND COGNATE STUDIES
- II. SCIENCE
- III. SOCIAL STUDIES
- IV. ARTS AND LETTERS
- V. APPLIED ARTS
- VI. BUSINESS



# DIVISIONS OF INSTRUCTION

## I

### RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

PAUL C. HEUBACH

J. CECIL HAUSSLER

W. F. SPECHT

VARNER J. JOHNS

*Major Requirements:* 38 hours, with a minimum of 15 hours in the upper biennium. Required courses: Bible Doctrines, Evidences of Christianity, Daniel and Revelation, Epistles, 3 hours, Prophets, 3 hours, History of the Christian Church I, and one of the Spirit of Prophecy courses. A maximum of 6 hours in Applied Theology and 6 hours in History of Religion will be counted toward a major. For MINISTERIAL STUDENTS, see page 77.

*Minor Requirements:* 18 hours, including the basic requirements in religion and one of the Spirit of Prophecy courses. A minimum of 9 hours must be in the upper biennium.

#### RELIGION

##### 2a BIBLE SURVEY I

A survey course in Old Testament History touching God's dealings with his people and the surrounding nations from creation to the birth of Christ. Not open to students having had Old Testament History in the secondary school. This course may not be applied toward a major or minor in religion.

Two Hours

##### 4b BIBLE SURVEY II

A survey of the New Testament History encompassing the life and work of Jesus and the age of the Apostles. Not open to students having had New Testament History in the secondary school and cannot be applied toward a major or minor in religion.

Two Hours

##### 5ab LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs.

Four Hours

##### 6a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. Required of all students who will become candidates for degrees.

Two Hours

**8b REVELATION**

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. Required of all students who will become candidates for degrees. Two Hours

**51ab BIBLE DOCTRINES**

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151ab required of all students who will become candidates for degrees. Six Hours

**54a EVIDENCES OF CHRISTIANITY**

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical and scientific fields. Two Hours

**56b SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only. Two Hours

**104a DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. Two Hours

**106b REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon those prophecies that pertain to the final movements. Two Hours

**108a OLD TESTAMENT PROPHETS I**

A study of the prophets up to and including the eighth century B.C., their times and their messages. Emphasis will be placed upon their Messianic prophecies and promises, and God's dealings with Ancient Israel and Judah and the nations of the time, with lessons for our day. Three Hours

**110b OLD TESTAMENT PROPHETS II**

A study of the prophets of the seventh century B.C., and later. Same emphasis as Old Testament Prophets I. Three Hours

**112a GIFT OF PROPHECY**

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. Three Hours

**151ab FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51ab required of all students who will become candidates for degrees. Four Hours

**160a NEW TESTAMENT EPISTLES**

An exegetical study of the Thessalonian, Corinthian and Galatian Epistles. The object is to train the student in correct analysis and interpretation of this Scripture with special emphasis on the great truths, historical background, and theological concepts. Three Hours



**162b NEW TESTAMENT EPISTLES**

A further study of the Epistles: Romans, Ephesians, Philippians, Colossians, Hebrews, Titus, I and II Timothy.

Three Hours

**170a PHILOSOPHY OF RELIGION**

An examination of history and development of religious philosophy, showing its connection with Christian philosophy and evaluation of it. Philosophical aspects of the views of Roman Catholicism, Protestantism, Modernism, and Humanism.

Two Hours

**172b PHILOSOPHY OF RELIGION**

A study of religion in Christian experience. An examination of the Christian concepts of God, creation, nature of man, salvation and immortality.

Two Hours

**APPLIED THEOLOGY****58b JUNIOR EVANGELISM**

The study and practice of dealing with children in bringing them to Christ. A consideration of methods and principles which are of value to parents, teachers, ministers, Sabbath School workers, and all interested in saving our juniors.

Two Hours

**114a PERSONAL EVANGELISM**

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings. This course is designed especially to develop the art of personal service. Prerequisite: 51ab.

Two Hours

**116b PASTORAL COUNSELING**

Christian Psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers.

Two Hours

**118b BIBLE INSTRUCTOR EVANGELISM\***

A study of the work of the Bible instructor in connection with evangelism. The methods of the Master Teacher are considered. How to win individuals to Christ and establish them in the faith will be studied, as well as miscellaneous problems in connection with the ministry.

Two Hours

**120a HOMILETICS**

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches.

Three Hours

**122b HOMILETICS**

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc.

Three Hours

**123ab PUBLIC AND FIELD EVANGELISM**

The study and practice of planning, preparing, organizing advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members. Prerequisites: 51ab, 114a, and 120a.

Four Hours

## RELIGIOUS HISTORY

*Minor Requirements:* 18 hours, 9 of which must be upper biennium. (The two hour course in Daniel may be applied.)

## 102a ARCHAEOLOGY

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God.

Two Hours

## 110a THE RENAISSANCE

(See Social Studies)

Two Hours

## 112b THE REFORMATION

(See Social Studies)

Two Hours

## 114b MISSIONS AND MISSION PROBLEMS

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions.

Three Hours

## 124b MANUSCRIPTS OF THE BIBLE

A course showing God's particular care in preserving MSS. and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course.

Two Hours

## 126a HISTORY OF THE CHRISTIAN CHURCH I

The development of the early church to 1200 A.D. with emphasis upon the story of the true church and the rise and development of the Papacy.

Three Hours

## 128b HISTORY OF THE CHRISTIAN CHURCH II

The study of the Christian church from Reformation times to 1800 A.D. stressing the Protestant Reformation with the subsequent break-up of Protestantism.

Three Hours

## 130a MODERN CHURCH HISTORY

This course deals with the origin and rise of the major modern denominations in America with special emphasis upon the Seventh-day Adventist church. Attention will be given to the present day trend toward church federation and the healing of the "deadly wound."

Two Hours

## BIBLICAL LANGUAGES

*Minor Requirements:* 26 hours are required for a minor in Biblical languages with 12 hours in the upper biennium. For a minor in Greek, 22 hours are required, with 8 hours in the upper biennium.

## 7ab BEGINNING NEW TESTAMENT GREEK

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John.

Eight Hours

## 55ab INTERMEDIATE NEW TESTAMENT GREEK

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament.

Six Hours

## 129ab GREEK EXEGESIS

Reading and exegetical study of the Greek text of several New Testament Epistles: an introduction to the materials and methods of exegesis.  
Six Hours

## 131ab BEGINNING HEBREW\*

An introduction to the elements of the Hebrew language; readings from the book of Genesis.  
Six Hours

## 138a (or b) HEBREWS AND NON-PAULINE EPISTLES\*

An exegetical study of the Greek text of Hebrews, and the epistles of Peter, James and Jude.  
Two Hours

## 140a (or b) ADVANCED HEBREW\*

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and Psalms.  
(As arranged)

## 199 PROJECTS AND TOPICS IN DIVISION I.

Two-Four Hours

## II

## SCIENCE

L. E. DOWNS, *Chairman*

J. L. THOMPSON

L. E. CUSHMAN

ALTA GROFF

GEORGE ALFKE

PAULINE CUSHMAN

REUBEN SPRENGEL

JAMES RIGGS

MRS. LYLE HENDERSON

## BIOLOGY

*Major Requirements for Biology:* 30 hours, 18 of which must be in the upper biennium. The following courses are required: General Zoology, General Botany, Vertebrate Embryology, Genetics, Philosophy of Science, and Seminar; also General Inorganic Chemistry and General Physics, or Physical Science Survey.

*Minor Requirements for Biology:* 18 hours, of which 9 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

## 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the Chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics.

Prerequisites: Academy or high school biology, chemistry or physics.  
Four Hours

## 1abL GENERAL ZOOLOGY LABORATORY

Laboratory study and dissection of invertebrate and vertebrate animals representative of the principal groups of the animal kingdom. Required with lab.  
Two Hours

## 2a HUMAN ANATOMY

A course devoted to the study of the structure of the human body; designed to lay the foundation for the study of physiology. Primarily for preparatory nurses.  
Three Hours

## 2aL ANATOMY AND PHYSIOLOGY LABORATORY

Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts and diagrams. Open to preparatory nursing students.  
One Hour

## 4b HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems.  
Two Hours

## 6b MICROBIOLOGY

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeasts, and molds, and their relation to disease. Designed primarily for preparatory nurses.  
Three Hours



**6bL MICROBIOLOGY LABORATORY**

Includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds. Required of preparatory nursing students (with 6b). One Hour

**12b BIOLOGICAL SCIENCE SURVEY**

A general survey of the field of biological science with emphasis on fundamental biological principles, nature study, and health. Three Hours

**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

Laboratory and field work to illustrate the material covered in 12b. One Hour

**51ab GENERAL BOTANY**

An introduction to the basic morphology and physiology of plants. A survey of the plant kingdom and study of representative plants. Four Hours

**51abL GENERAL BOTANY LABORATORY**

Microscopic study of plants and plant structures as studied in class. Study of living specimens, and collection and classification of flowering plants. Two Hours

**53a MAMMALIAN ANATOMY**

Study and class discussion on the anatomy of a typical mammal. Prerequisite: 1ab. One Hour

**53aL MAMMALIAN ANATOMY LABORATORY**

The dissection of the cat. Required with 53a. One Hour

**100b LOCAL FLORA\***

Primarily a laboratory course in which principles of plant taxonomy are applied to local flowering plants. Two Hours

**102b VERTEBRATE EMBRYOLOGY**

Deals with gametogenesis, fertilization, cleavage and early organology of the chick up through at least seventy-two hours of development. Prerequisites: 1ab. One Hour

**102bL VERTEBRATE EMBRYOLOGY LABORATORY**

The study of the whole mounts and sections of the chick. Required with 102b. One Hour

**107ab ADVANCED PHYSIOLOGY**

A more detailed and advanced study of the human body than is offered in 4b. Four Hours

**110a PLANT ECOLOGY\***

Study of the factors influencing distribution of plants and their inter-relationships.

Prerequisites: 51ab, or equivalent. Two Hours

**112b ANIMAL ECOLOGY\***

The study of animals in relationship to their environment and factors influencing their distribution.

Prerequisite: 1ab or its equivalent and 110a. Two Hours

**116a COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates.

Prerequisites: 1ab. Three Hours

**116aL COMPARATIVE ANATOMY LABORATORY**

The dissection and comparative study of the anatomical features of representative vertebrates. Required with 116a. One Hour

**118b GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding. Prerequisite: lab or equivalent. **Three Hours**

**120a PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species. **Three Hours**

**170b FIELD ECOLOGY\*\***

A field study of the major ecological formations of Southern California. Given during the Summer. Prerequisites: lab, 12b, or 51ab. **Three Hours**

**181ab BIOLOGY SEMINAR**

Meets once each week for reports on current biological literature and on other topics as may be assigned. Open to junior and senior biology majors and minors. Required of senior biology majors. **Two Hours**

**199 SPECIAL PROBLEMS**

Open to upper division biology majors who wish to study some special topic or do some original research as arranged with the head of the department. **Two Hours**

**CHEMISTRY**

*Major Requirements for Chemistry:* 30 semester hours with a minimum of 18 hours in the upper biennium including General Inorganic Chemistry, Organic Chemistry, Quantitative Analysis, and Physical Chemistry.

*Minor Requirements for Chemistry:* 18 hours with at least 9 hours in the upper biennium including General Inorganic Chemistry and Organic Chemistry.

**1ab GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects.

Prerequisite: Academy or high school chemistry or physics. **Six Hours**

**1abL GENERAL CHEMISTRY LABORATORY**

A general laboratory course designed to illustrate: some of the fundamental laws of chemistry; preparation and properties of certain elements and compounds. The last half of the second semester's work will be devoted to a brief survey of qualitative analysis employing semimicro methods. Required with lab. **Two Hours**

**3ab CHEMISTRY FOR NURSES**

Designed for the student in preparatory nursing. First semester's work considers inorganic chemistry; second semester's work, organic chemistry, and chemistry of life processes. Special attention given to fields of nursing and medicine.

Prerequisite: Academy or high school chemistry or physics. **Four Hours**

**3abL CHEMISTRY FOR NURSES LABORATORY**

Practical demonstration of the topics considered in class. Required with 3ab. **Two Hours**

**50a QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis.

Prerequisites: lab and at least 3 hours of college mathematics. One Hour

**50aL QUANTITATIVE ANALYSIS LABORATORY**

The essentials of gravimetric and volumetric analysis. Introduction to methods of calibration of certain apparatus. Required with 50a.

Two Hours

**100b QUANTITATIVE ANALYSIS**

Similar to 50a, but more advanced in scope.

Prerequisite: 50a.

One Hour

**100bL QUANTITATIVE ANALYSIS LABORATORY**

Selected exercises in gravimetric, volumetric, electrometric, and certain special methods. Required with 100b.

Two Hours

**101ab ORGANIC CHEMISTRY**

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions.

Prerequisite: lab.

Four Hours

**101abL ORGANIC CHEMISTRY LABORATORY**

Preparation and observation of properties of some typical aliphatic and aromatic compounds. Required with 101ab.

Two Hours

**102b CHEMISTRY OF FOODS AND NUTRITION\*\***

A study of food materials and their relation to the chemistry of the body processes.

Prerequisites: lab, 101ab.

Three Hours

**103a (or b) QUALITATIVE ANALYSIS**

Careful study is given to the theories of equilibrium and precipitation and to the conditions involved in the systematic separation of groups and individual elements. Prerequisite: 50a.

One Hour

**103aL (or bL) QUALITATIVE ANALYSIS LABORATORY\*\***

A systematic separation and identification of the common metals, acids, and mixtures. Standard semimicro methods of qualitative analysis are used and special attention is given to color reactions. Required with 103a or b.

Two Hours

**104b BIOCHEMISTRY**

A brief survey of the chemistry of the physiological processes of the human body.

Prerequisites: lab, 50a, 101ab.

Three Hours

**104bL BIOCHEMISTRY LABORATORY**

Qualitative tests and quantitative determinations on materials of biological significance.

One Hour

**106aL (or bL) ORGANIC PREPARATIONS\*\***

A laboratory course of selected preparation of aliphatic and aromatic organic compounds beyond the scope of chemistry 101abL. Prerequisite: 101ab.

One or Two Hours

**151ab PHYSICAL CHEMISTRY**

A survey of the fundamental physico-chemical concepts and laws. Prerequisites: 50a, General Physics, Mathematical Preparations for Physical Chemistry.

**151abL PHYSICAL CHEMISTRY LABORATORY**

Selected exercises in physical chemistry designed to acquaint the student with physico-chemical measurements and operations. Required with 151ab. Two Hours

**160a (or b) CHEMISTRY SEMINAR\*\***

A course given to assist the advanced student of chemistry to keep abreast of the literature of his chosen field. The fields studied will vary, depending upon the interests of the students. Each member of the class is expected to participate in the studies of his own field and is encouraged to work in other fields also. *Senior students only.*

One or Two Hours

**PHYSICS**

*Major Requirements for Physics:* 30 semester hours, with a minimum of 15 hours in the upper biennium, including Modern Physics I and II, Colloquium, and Projects (199).

*Minor Requirements for Physics:* 18 semester hours, with at least 9 hours in the upper biennium, including Modern Physics I and II.

**14a PHYSICAL SCIENCE SURVEY**

A non-mathematical introduction to the fundamentals of astronomy, chemistry, and physics. Three Hours

**14aL PHYSICAL SCIENCE SURVEY LABORATORY**

One Hour

**15ab RADIO\***

An elementary study of radio circuits and the application of vacuum tubes to such circuits. May be used for science or applied arts credit, but may not be applied toward a physics major or minor.

Four Hours

**51ab GENERAL PHYSICS**

Mechanics, heat, sound, electricity and light, modern physics.

Prerequisites: Intermediate Algebra, Trigonometry, and high school chemistry or physics. Six Hours

**51abL GENERAL PHYSICS LABORATORY**

Required with 51ab.

Two Hours

**100a MODERN PHYSICS I**

The electron, positive rays and the mass spectrograph, origin of optical spectra.

Prerequisite: 51ab.

Three Hours

**102b MODERN PHYSICS II**

X-rays, radioactivity and nuclear transformations, cosmic rays, wave theory of matter.

Prerequisite: 100a.

Three Hours

**106b HEAT AND THERMODYNAMICS\*\***

Heat transmission, kinetic theory, elementary thermodynamics of heat engines and refrigeration cycles. Class three hours per week, laboratory three hours per week.

Prerequisites: 51ab and Calculus.

Four Hours



## 108a ELECTRONICS I\*\*

A study of electron tubes and their associated circuits. Special attention will be given to medical and industrial applications. Class two hours per week, laboratory three hours per week. Prerequisite: 51ab.  
Three Hours

## 110b ELECTRONICS II\*\*

A continuation of Electronics I, which is a prerequisite for this course. Class two hours per week, laboratory three hours per week. Prerequisite: 108a.  
Three Hours

## 158b ELECTRICITY AND MAGNETISM\*\*

Electric and magnetic fields, phenomena of high and low frequency circuits having resistance, capacitance, and inductance. Class three hours per week, laboratory three hours per week.  
Prerequisites: 51ab and Calculus.  
Four Hours

## 164a SOUND\*\*

Wave motion, physics of musical sounds, acoustics, sound reproduction. Class two hours per week, laboratory three hours per week.  
Prerequisites: 51ab and Calculus.  
Three Hours

## 168a LIGHT\*\*

Refraction, reflection, wave motion, diffraction and interference, polarization. Class three hours per week, laboratory three hours per week.  
Prerequisites: 51ab and Calculus.  
Four Hours

## 188a (or b) COLLOQUIUM

Student reports and discussions of current research and physics applications. Limited to upper biennium majors and minors. May be repeated for credit.  
One Hour

## MATHEMATICS

*Minor Requirements:* 9 hours of upper division mathematics including Differential and Integral Calculus and enough other courses to give a total of 18 hours.

## 2a INTERMEDIATE ALGEBRA

Three Hours

## 4b PLANE TRIGONOMETRY

Functions, logarithms, identities, equations, inverse functions, solution of triangles.  
Three Hours

## 50a ADVANCED ALGEBRA\*

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations.  
Prerequisite: 2a, or equivalent.  
Three Hours

## 52b PLANE ANALYTIC GEOMETRY

Coordinate systems; loci; conic sections; transformation of coordinates; transcendental curves; parametric equations.  
Prerequisites: 2a, 4b.  
Three Hours

## 76a MATHEMATICAL PREPARATION FOR PHYSICAL CHEMISTRY

Index notation; logarithms, graphs of equations; differentiation; integration; graphical methods in physical chemistry. (Not counted toward Mathematics major or minor.)  
Prerequisites: 2a, 4b.  
Three Hours

**100a ADVANCED TRIGONOMETRY\***

Additional work in plane trigonometry; the solution of right and oblique spherical triangles.

Prerequisites: 2a, 4b.

Two Hours

**102b SECOND COURSE IN ANALYTIC GEOMETRY\***

A brief review of plane analytic geometry; lines, planes, and solids in space.

Prerequisite: 52b.

Two Hours

**104a THEORY OF EQUATIONS\***

Elementary theory of algebraic equations; determinants.

Prerequisite: 50a.

Two Hours

**106b DIFFERENTIAL EQUATIONS\***

A study of ordinary differential equations, with applications.

Prerequisite: 103ab.

Three Hours

**108a DIFFERENTIAL CALCULUS**

A study of the derivative and its applications to geometry and mechanics.

Three Hours

**110b INTEGRAL CALCULUS**

Methods of integration with applications to geometry and physics. Prerequisite: 108a.

Three Hours

**170a ANALYTICAL MECHANICS**

Statics, kinematics, dynamics; vectors.

Prerequisites: General physics 108a, 110b

Three Hours

**199 PROJECTS AND TOPICS IN DIVISION II.**

Two-Four Hours

## PHYSICAL FITNESS

**7ab (1st Year) BASIC PHYSICAL FITNESS.**

One Half Hour

**9ab (2nd Year) BASIC PHYSICAL FITNESS**

One Half Hour

**14a (or b) CORRECTIVE EXERCISES**

Designed to correct specific deficiencies in motor fitness and posture, or to provide exercises suitable for those unable to take the basic course.

One Hour

**17ab SWIMMING**

Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving.

One Hour

**20a (or b) APPARATUS**

Will include work on the horizontal bar, parallel bars, rings, horse, and flying rings.

One Hour

**60a (or b) WATER SAFETY**

The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool.

Prerequisite: 17ab or equivalent ability.

One Hour

**64a (or b) INDIVIDUAL ACTIVITIES**

Designed to promote interest and skill in recreational activities that will carry over and be useful in later life.

One Hour

**101a,b RECREATIONAL LEADERSHIP**

A course in the organization and direction of recreation based on Christian principles, including the teaching of games, story telling and song leading.

Four Hours

**121ab ADMINISTRATION OF SECONDARY PHYSICAL EDUCATION\***

A study of the problems of schedules, organization, group diversion, activities, and testing as needed in the academy or preparatory school.

Two Hours

**121abL ADMINISTRATION OF SECONDARY PHYS. EDUCATION LABORATORY**

Each student will be assigned to a section of the Preparatory School Health and Physical Education class or to a section of Basic Physical Fitness as assisting instructor. In this capacity the student will obtain actual experience in class organization, teaching, officiating, testing, etc.

Two Hours

## HEALTH AND NURSING

**2a HISTORY OF NURSING**

A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems.

Three Hours

**6a FIRST AID**

This class covers the material in the Red Cross Standard First Aid Course, bandaging and some of the medical aspects of modern chemical warfare. Designed to meet the requirements for first aid and bandaging for the Medical Cadet Corps. Open to all students.

Two Hours

**10a HOME HYGIENE**

A course in simple nursing procedures, first aid and disease prevention applied to actual home conditions.

One Hour

**10aL HOME HYGIENE LABORATORY**

Demonstration of and practice in topics considered in class.

Required with 10a.

One Hour

**50b HEALTH PRINCIPLES**

A study of the principles governing community and personal community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards.

Two Hours

**52a HEALTH EDUCATION**

A study of principles as related to the physical and mental growth of the child. Dealing particularly with the health problems in the elementary grades.

Two Hours

**148a WARD MANAGEMENT**

A survey of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management.

Two Hours

**150b SUPERVISION IN NURSING**

A study of the fundamentals and principles of supervision in the hospital or sanitarium unit, includes meeting some of the more common problems of supervision in actual practice on the unit.

Two Hours

**154a CURRICULUM CONSTRUCTION**

A study of the principles used in curriculum construction and revision in a school of nursing.

Two Hours

**155ab CURRENT TRENDS IN NURSING**

A survey of some of the more recent developments, trends, and current problems facing the nursing profession and the education of nurses.

Two Hours

**156a COMPARATIVE NURSING PRACTICE**

Comparative study and evaluation of current nursing procedures.

Two Hours

**158b TEACHING IN SCHOOLS OF NURSING**

A study of the basic principles and methods of teaching as applied to nursing.

Two Hours



## III

## SOCIAL STUDIES

W. J. AIREY, *Chairman*

MAYBEL JENSEN

DAISY STURGES

C. D. STRIPLIN

DORIS CARLSEN†

## HISTORY

*Major Requirements:* 30 hours, of which a minimum of 15 hours must be in the upper biennium. Required courses: European Civilization, American History to 1860 and Since 1860. American Constitution may not be counted on the major or the minor.

*Minor Requirements:* 18 hours, with a minimum of 9 hours in the upper biennium.

## 41a,b EUROPEAN CIVILIZATION

A history of European culture from the beginning of the Christian era to the War of 1914-1918. Six Hours

## 90a AMERICAN HISTORY TO 1860

The colonial period, Revolutionary War, the development of American political institutions, and national expansion.  
(Upper division credit by arrangement, 190a.) Three Hours

## 92b AMERICAN HISTORY SINCE 1860

The Civil War, reconstruction, imperialism, the United States as a world power.  
(Upper division credit by arrangement, 192b.) Three Hours

## 104a THE ANCIENT WORLD

The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history. Two Hours

## 106b THE ROMAN WORLD

The Republic and Empire to the Fall of Rome. Two Hours

## 107a,b BRITISH CIVILIZATION

England and the Empire to the present. Six Hours

## 109a,b THE LATIN AMERICAN NATIONS\*

The period of conquest and wars of independence, and the role of the nations in the modern world. Four Hours

## 110a THE RENAISSANCE

An intensive study of the economic, literary and artistic developments of the period. Two Hours

## 112b THE REFORMATION

The revolt against Rome and medievalism, and the rise of the Protestant Church. Two Hours

## 114a FRENCH REVOLUTION AND NAPOLEON\*

The social and political forces of the era of revolution to 1815. Two Hours

†On leave, 1947-1948

- 116b EUROPE, 1815-1870\*  
Europe from 1815 to 1870 Three Hours
- 118a EUROPE 1870 TO 1914\*  
The political, economic, and cultural changes in Europe 1870 to 1914. Two Hours
- 120b EUROPE SINCE 1914\*  
From war to war in Europe Two Hours
- 122a ECONOMIC DEVELOPMENT OF THE UNITED STATES\*  
The economic history of the United States from colonial times to the present. Three Hours
- 123a,b THE AMERICAN WEST\*  
The exploration and settlement of the American west. Statehood and progress in the western United States Four Hours
- 130a CIVIL WAR  
The causes for and campaigns of the Civil War Two Hours
- 132b RECONSTRUCTION  
The political and economic problems of the reconstruction of the South. Two Hours

### POLITICAL SCIENCE

- 56a AMERICAN NATIONAL GOVERNMENT\*  
Typical political institutions of the American national government and its branches. Two Hours
- 58a or b THE AMERICAN CONSTITUTION  
The origin and development of the fundamental law. Two Hours
- 126a COMPARATIVE GOVERNMENT\*  
An analysis of contemporary political forms. Two Hours

### GEOGRAPHY

- 2b PRINCIPLES OF GEOGRAPHY  
The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship. Two Hours

### ORIENTATION

- 2a PROBLEMS OF COLLEGE AND LIFE  
Educational and vocational planning, study methods, analysis of interests and aptitudes, social problems. Required of first year college students. One Hour
- 4b FAMILY LIVING  
Courtship and Marriage in relation to Christian living. One Hour

### SOCIOLOGY

- 62b FUNDAMENTALS OF SOCIOLOGY  
An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems. Three Hours
- 199 PROJECTS AND TOPICS IN DIVISION III. Two-Four Hours

## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the Department of Education of the General Conference, for teacher certification. This includes a minimum of 15 hours in professional education. Three hours of directed teaching is required, either in the major or minor field.

## 6a GENERAL PSYCHOLOGY

(See Elementary Education Section.)

## 10b PRINCIPLES OF EDUCATION

(See Elementary Education Section)

## 24a EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. (or 124a).  
Prerequisite: 6a.

Three Hours

## 100a PSYCHOLOGY OF ADOLESCENCE

The course will deal with the most significant problems in child and adolescent development, with special emphasis upon the psychological principles that govern their behavior.

Two Hours

## 102b AUDIO-VISUAL AIDS IN INSTRUCTION

(See Elementary Education Section.)

## 110b PHILOSOPHY OF EDUCATION

An advanced course stressing the principles of Christian education as outlined in *Counsels to Teachers, Fundamentals of Christian Education* and *Education*.

(Not open to students taking 10b.)

Three Hours

## 150a PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and means for measuring their outcomes.

Two Hours

## 152b PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization and aims in the educational, vocational and general guidance of students on the elementary and secondary level.

Prerequisites: 24a or 100a

Two Hours

## 154a TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation and interpretation of standard tests, as they pertain to the elementary and secondary grades.

Prerequisite: 6a or 24a

Two Hours

## 160a SCHOOL HOMES ADMINISTRATION

A course dealing with the objectives, problems, organization and administration of the school home. Emphasis placed upon the fostering of spiritual and cultural ideals and leadership in the light of recent developments in the field of personnel work.

Two Hours

## 182a SPECIAL METHODS IN SECONDARY TEACHING.

Two Hours

### 184b OBSERVATION AND DIRECTED TEACHING IN ONE OF THE FOLLOWING FIELDS. Three Hours

- Teaching English in the Secondary School.
- Teaching Modern Languages in the Secondary School.
- Teaching Mathematics in the Secondary School.
- Teaching History in the Secondary School.
- Teaching Science in the Secondary School.
- Teaching Home Arts in the Secondary School.
- Teaching Industrial Arts in the Secondary School.
- Teaching Commercial Subjects in the Secondary School.
- Teaching Music in the Secondary School.

## ELEMENTARY TEACHER EDUCATION

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Each candidate for a degree must also complete 18 hours in each of two related fields, one half of which in each field must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree with the exception of the language requirement plus the additional courses to meet the special requirement of this degree. Modern language is not required of students who select English as one of the required minors, and who present two units of modern languages on the secondary level.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

### *Specific Requirements:*

Education Courses:	Hours
Principles of Education.....	3
Technique of Teaching and Management .....	2
Procedures of Teaching .....	6
Directed Teaching .....	8
Tests and Measurements .....	2
Philosophy of Education .....	3
Principles of Guidance .....	2
Audio-visual Aids in Instruction .....	2
Psychology:	
General Psychology .....	3
Educational Psychology .....	3
Child and Adolescent Psychology .....	2

### 6a GENERAL PSYCHOLOGY

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major.) Three Hours

### 10b PRINCIPLES OF EDUCATION

Stresses thoroughly the principles of education as outlined in the books, *Education*, *Fundamentals of Christian Education*, and *Counsels to Teachers*. Three Hours



**15ab PHYSICAL EDUCATION (TEACHING)**

A course dealing with the objectives and principles underlying the physical education program of the elementary school; observation and supervision of children during recreational periods and a study of methods of presenting various games and recreational activities.

Two Hours

**16b MUSIC EDUCATION**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations.

Two Hours

**18a SCHOOLROOM CRAFTS**

Designed to aid the teacher in developing an industrial program in the grade school. Problems include block printing, weaving, paper, wood, and tin crafts. Organization of crafts for various grade levels to be studied.

Two Hours

**24a EDUCATIONAL PSYCHOLOGY**

(See Secondary Education Section)

**51ab TEACHING I**

Observations, readings, and discussions of some of the various aspects of classroom situations which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching.

Two Hours

**52a TEACHING TECHNIQUE AND MANAGEMENT**

A course designed to give the prospective teacher a practical knowledge of the philosophy, principles, and procedures involved in the teaching process, with special emphasis on the problems of management and organization related to classroom teaching.

Two Hours

**54a STORYTELLING**

Presents the possibilities and techniques of storytelling, with classroom experience in the reproduction of stories.

One Hour

**56b ARITHMETIC IN ELEMENTARY EDUCATION**

A course for teachers of arithmetic in the first eight grades. Attention is given to drill, speed, and accuracy in the useful aspects of the work. The course carries a subject-matter grade of B requirement.

One Hour

**102b AUDIO-VISUAL AIDS IN INSTRUCTION\***

A course designed to acquaint the student with the various audio-visual aids as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment.

Two Hours

**151ab TEACHING II**

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor and a directing teacher. Prerequisite: Satisfactory achievement in the standard school subjects. No grade below a C is acceptable for credit in directed teaching. A C average in all college work is required for admittance and continuance of directed teaching.

Three Hours

**155ab PROCEDURES OF TEACHING IN THE ELEMENTARY SCHOOL**

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, arithmetic, language, arts and social studies.

Four Hours

## 181ab TEACHING III†

A study will be made of the entire elementary school program, selection, organization and evaluation of curricular material, and teaching procedures, including comprehensive teaching as part of the laboratory work.

Three Hours

## 199 PROJECTS IN DIVISION III.

Two-Four Hours

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†At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.

## IV

## ARTS AND LETTERS

H. B. HANNUM, *Chairman*

MARGARETE AMBS

ALFRED WALTERS

MABEL CURTIS ROMANT

ALICE BABCOCK

W. T. CRANDALL

EDNA J. FARNSWORTH

HOPE H. HAYTON

CLARENCE O. TRUBEY

CHLOE ADAMS SOFSKY

ELIZABETH M. SAUNDERS

J. T. HAMILTON

LILLIAN BEATTY

ELLEN SHORT†

## ENGLISH AND SPEECH

*Major Requirements:* 30 hours in addition to English Composition with a minimum of 15 hours in the upper biennium. Major requirements include English Literature to 1800 and Since 1800, American Literature to 1830 and Since 1830, and a writing course above the freshman level. From the Division of Social Studies English History is required; American History is recommended.

*Minor Requirements:* 18 hours in addition to English Composition, with a minimum of 9 hours in the upper biennium. Minor requirements must include English Literature to 1800 and Since 1800, American Literature to 1830 and Since 1830.

## ENGLISH LITERATURE

## 50a ENGLISH LITERATURE TO 1800

A chronological study of English literature to 1800 with emphasis on major writers and movements.

Three Hours

## 52b ENGLISH LITERATURE SINCE 1800

An examination of the outstanding authors and works of the Romantic, Victorian, and Modern periods.

Three Hours

## 100a AMERICAN LITERATURE TO 1830

The early writers in American literature.

Two Hours

## 102b AMERICAN LITERATURE SINCE 1830

The Romantic and modern writers with special emphasis on literary backgrounds.

Two Hours

## 104b ELIZABETHAN LITERATURE\*

A study of the literary masterpieces of the Elizabethan period.

Three Hours

## 106a THE ROMANTIC PERIOD

A study of the literary ideals of Wordsworth, Coleridge, Scott, and Southey.

Two Hours

## 108b THE ROMANTIC PERIOD II

An examination of the works of Byron, Shelley, and Keats.

Two Hours

†On leave, 1947-1948

- 110a MASTERS OF AMERICAN LITERATURE I**  
An intensive study of the life and works of Irving, Emerson, and related authors. **Two Hours**
- 112b MASTERS OF AMERICAN LITERATURE II**  
The life and works of Whitman, Mark Twain, and other masters. **Two Hours**
- 114a MILTON AND THE SEVENTEENTH CENTURY\***  
The life and poetical works of John Milton. **Two Hours**
- 116b MILTON AND THE SEVENTEENTH CENTURY\***  
Milton's prose works; other writers of the century. **Two Hours**
- 118a TENNYSON AND HIS AGE**  
A careful study of the age and works of Tennyson. **Two Hours**
- 120b BROWNING**  
The background and works of Robert Browning. **Two Hours**
- 152a CONTEMPORARY AMERICAN LITERATURE**  
The works of contemporary American authors. **Two Hours**
- 154b CONTEMPORARY ENGLISH LITERATURE**  
The works of contemporary English authors. **Two Hours**
- 158a BIBLICAL LITERATURE\***  
A study of the literature of the Christian Bible. **Three Hours**

### WRITING

- 1ab ENGLISH COMPOSITION**  
The fundamentals of composition and current standard English. **Six Hours**
- 51ab NEWS WRITING**  
The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper mechanics.  
Prerequisite: 1ab **Four Hours**
- 122a MAGAZINE ARTICLE WRITING**  
A study of the magazine article and the requirements for publication, offering practical experience in writing articles suitable for publication. **Two Hours**
- 124b FEATURE WRITING**  
A practical study of the various types of magazine feature articles providing experience in writing selected types of features. **Two Hours**
- 125a,b NEWS EDITING**  
Practical experience in editorial work on the campus publications.  
Prerequisite: 51ab. **Two Hours**
- 126b CREATIVE WRITING\***  
A study of the various types of writing, with emphasis on vigor, beauty, and personality in style. **Two Hours**
- 128a THE FAMILIAR ESSAY\***  
A study of the essay, its mechanics, its writing, and the works of famous essayists, offering opportunity to write the various types of essays. **Two Hours**
- 130b DESCRIPTIVE GRAMMAR\***  
An advanced study of present-day grammar. **Three Hours**



## SPEECH

*Major Requirements:* 30 hours of which 18 hours must be in the upper biennium. The required courses will be determined in conference with the major professor of speech. Homiletics is recommended within the major. English Literature to 1800, English Literature Since 1800, European Civilization to 1660 and European Civilization Since 1660 are required as supporting courses. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* In addition to Fundamentals of Speech, 18 hours of which 9 hours must be in the upper biennium.

*Equipment:* A public address system and a voice recording machine. The speech room is suggestive of a small auditorium with platform equipment.

## 3ab FUNDAMENTALS OF SPEECH

The principles of correct speech are studied, and special attention is given to tone drills, articulation, and proper poise and use of the body. Four Hours

## 4a PUBLIC PROCEDURE

A study of the principles and practice of parliamentary law and usage. Students are taught to conduct business meetings with ease. Two Hours

## 6b VOICE AND DICTION

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue. Two Hours

## 91ab SPEECH CHOIR

Interpretation through choral reading develops greater appreciation of poetry and of many Biblical passages. It trains the individual in accurate, distinct speaking habits. The student may earn upper division credit by doing extra work as arranged. Two Hours

## 130a ORAL INTERPRETATION I

A study of the principles underlying interpretative work. A cultural aim is sought through the study and appreciation of the best in literature. Three Hours

## 132b ORAL INTERPRETATION II

A study of standard selections and their interpretation, with suggestions as to the correct manner of public presentation in a unified and spontaneous response of body and voice. Careful attention is given to the interpretation of the Bible. Program building is part of this course. Three Hours

## 134a RADIO SPEAKING I

Both the theory and practice of radio broadcasting are studied. Special emphasis is placed upon radio diction and voice control. Two Hours

Prerequisite: 3ab, 6b, or 91ab.

## 136b RADIO SPEAKING II

The study of radio production including microphone technique, speaking, reading, announcing, and interviewing. A public address system and recording machine make the work of this class practical. Two Hours

Prerequisite: 134a.

- 138a THE SHORT SPEECH°  
The organization and delivery of short speeches for various occasions.  
Three Hours
- 140b PERSUASIVE SPEAKING°  
A study of the art of persuasion and its influence upon behavior. Various forms of discussion, such as the panel and the open forum, are studied and used.  
Three Hours
- 142b METHODS IN SPEECH TEACHING  
Methods of teaching speech in secondary schools from the viewpoint of theory and practice.  
Two Hours
- 144a VOICE AND DICTION II  
A study of acceptable quality, pitch, duration, and intensity of tone. The needs of the individual student are given special attention.  
Two Hours
- 146a ADVANCED PUBLIC ADDRESS I  
Composition and delivery of public addresses.  
Two Hours
- 148b ADVANCED PUBLIC ADDRESS II  
Effective extemporaneous speaking and techniques for influencing behavior through speech.  
Prerequisite: 146a.  
Two Hours
- PRIVATE LESSONS IN SPEECH  
Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. This course is beneficial to both singer and speaker. One lesson a week as arranged (time by appointment).  
One Hour

## LIBRARY SCIENCE

### 59ab LIBRARY SCIENCE

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student.  
Four Hours

## MODERN LANGUAGES

All freshmen and new students planning to enter a language course above the beginning year will be give a placement test to determine their classification.

Before enrolling in a course numbered 100 or above a student must have completed 12-14 hours or the equivalent of one language.

*Major requirements:* (French only) Thirty hours above Beginning French or the equivalent with twenty semester hours of upper bien-nium courses. The latter courses must include 124a, 144a, 145ab, and 140a, English 50a, 52b and Social Science 41ab are recommended as collateral courses.

*Minor requirements:* Eighteen hours above the beginning course or its equivalent with at least 9 semester hours in the upper biennium. Education 182a and 184b are recommended for students planning to teach a language.

## FRENCH

**5ab BEGINNING FRENCH**

An introductory study of grammar, pronunciation, reading, composition, and oral practice. In this course one hour per week of laboratory practice in oral work is required. Eight Hours

**53ab INTERMEDIATE FRENCH**

A continuation of 5ab. A grammar review with readings from standard French authors.

Prerequisite: 5ab, or equivalent.

Six Hours

**55a,b FRENCH COMPOSITION AND CONVERSATION**

For students who desire to gain proficiency in speaking and writing. May be taken concurrently with 53ab. Four Hours

Prerequisite: 5ab, or equivalent.

**101a,b FRENCH CONVERSATION**

Intensive practice in speaking French.

Four Hours

**110a ORAL RAPID READING**

A course designed to give practice in reading.

Two Hours

**112b READING OF FRENCH AUTHORS**

Recommended for those planning to study French Literature

Two Hours

**124a FRENCH LITERATURE TO THE 19TH CENTURY\***

The main current of French Literature from the Chanson de Roland to the Romantic period. Three Hours

**126b FRENCH LITERATURE OF THE CLASSIC PERIOD\***

A study of the historical background, the authors, and their works in the classic era of French Literature. Three Hours

**140a THE ROMANTIC MOVEMENT**

A study of the Romantic Movement in France including such authors as Chateaubriand, Lamartine, Hugo, and others. Two Hours

**142b MODERN FRENCH WRITERS**

The beginnings of realism to contemporary authors.

Two Hours

**144a FRENCH PRONUNCIATION**

A thorough study of the phonetic alphabet with practice in phonetic transcription and pronunciation. Two Hours

**145ab GRAMMAR AND COMPOSITION\***

Required of all majors, recommended for minors.

Four Hours

**146b FRENCH CIVILIZATION**

A study of the customs and culture of France and their contribution to world culture. Two Hours

**199 PROJECTS AND TOPICS IN DIVISION IV**

## SPANISH

**61ab INTERMEDIATE SPANISH**

A review of grammar with readings from Spanish and Spanish-American authors.

Prerequisite: Beginning College Spanish or the equivalent

Six Hours

**63ab ELEMENTARY COMPOSITION AND CONVERSATION**

Designed for the Spanish student wishing proficiency in speaking and writing Spanish. May be taken concurrently with 61ab. Four Hours

**130a COMPOSITION AND CONVERSATION**

Recommended for teaching minors.

Two Hours

**132b GRAMMAR AND COMPOSITION**

Recommended for teaching minors.

Two Hours

- 150a **SPANISH CIVILIZATION**  
A study of the culture of Spain and its influence on the cultures of the world. Two Hours
- 154a **SPANISH LITERATURE TO THE 19TH CENTURY\***  
A study of the main currents in Spanish Literature from the Middle Ages to the 18th Century with the stress on El Siglo de Oro. Two Hours
- 156b **SPANISH LITERATURE OF THE 19TH CENTURY\***  
A study of the important authors and their works during the 19th Century. Two Hours
- 158a **SPANISH AMERICAN LITERATURE**  
A study of the trends in Spanish Literature up to the contemporary authors. Two Hours
- 199 **PROJECTS AND TOPICS IN DIVISION IV**

### GERMAN

- 7ab **BEGINNING GERMAN**  
An introductory study of grammar, pronunciation, reading, composition, and oral practice. Eight Hours
- 59ab **INTERMEDIATE GERMAN**  
A continuation of 7ab.  
Prerequisite: 7ab or equivalent. Six Hours
- 60a **SCIENTIFIC GERMAN**  
Readings in scientific German especially arranged for students interested in the sciences. 59ab recommended as prerequisite. Two Hours
- 60b **READING OF GERMAN AUTHORS**  
Recommended for students wishing to study German Literature. May be taken concurrently with 59b. Two Hours
- 104a **GERMAN CONVERSATION**  
Intensive practice in German pronunciation and every-day conversation. Two Hours
- 108b **ADVANCED PROSE COMPOSITION**  
A brief grammar review with a great deal of practice in writing. Two Hours
- 120a **SURVEY OF GERMAN LITERATURE**  
A study of the main movements and authors from the beginnings of German Literature and their works. Three Hours
- 121ab **GERMAN CLASSICISM**  
A study of the important authors of the classical period in German Literature and their works. Four Hours
- 124b **THE ROMANTIC MOVEMENT**  
A study of the works and authors of the romantic period. Two Hours
- 199 **PROJECTS AND TOPICS IN DIVISION IV**

### TEACHING OF MODERN LANGUAGE

For description of these courses, turn to Education 182a, 184b.



## MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Church Music, 4 hours; Voice, Choral Organizations and Conducting, 8 hours.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a baccalaureate degree.

## APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

(1) A minimum of 15 lessons per semester, with five hours of practice a week, for one hour of credit; (2) A satisfactory semester examination must be passed; (3) Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The granting of college credit in applied music presupposes the fulfillment of prerequisites as follows:

*Piano:* The student should be able to play all the major and minor scales correctly and in moderate tempo. He should be able to perform some of the Bach Little Preludes, Two-part Inventions, the easier sonatas of Mozart and Haydn, and compositions of about the fourth grade of difficulty.

*Organ:* The same as Piano.

*Voice:* The student should be able to read a simple song at sight, and should have a knowledge of the rudiments of music. Some knowledge of the piano is highly desirable.

*Violin:* The student should be able to play from memory the following scales and arpeggios, compass two octaves, in moderate tempo: the major and melodic minor scales from G to D, detached bowing,

one note to a bow, slurred bowing, four notes to a bow; the major and minor arpeggios from G to D, detached bowing, one note to a bow, slurred bowing, three notes to a bow. He should have mastered all or most of the following studies, or others of like standard: Sevcik, *Op. 6*, Parts 1-6; Wohlfahrt, *Op. 45*, Book I; *Op. 74*, Book I; Kayser, *Op. 20*, Book I; Dont, *Op. 38*.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b ELEMENTARY PIANO

This is an introductory course in piano to train students in hymn-playing and sacred music. Credit does not apply on a music major.  
Two Hours

21a, b APPLIED MUSIC (First Year) Credit to be arranged

55a, b APPLIED MUSIC (Second Year) Credit to be arranged

117a, b APPLIED MUSIC (Third Year) Credit to be arranged

119a, b APPLIED MUSIC (Fourth Year) Credit to be arranged

120a REPERTOIRE CLASS One Hour

### THEORY

#### 1ab THEORY I

A thorough study of the fundamentals of musicianship—chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony.  
Six Hours

#### 53a,b THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing.  
Prerequisite: 1ab. Six Hours

#### 100a MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms.  
Prerequisites: 1ab, 53ab. Two Hours

#### 102b ANALYTIC HARMONY

The analysis of excerpts from classic, romantic, and modern music, showing harmonic usages.  
Prerequisites: 1ab, 53ab. Two Hours

#### 104a COUNTERPOINT

A study of the principles of 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style.  
Prerequisites: 1ab, 53ab. Two Hours

**106b COUNTERPOINT**

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions.

Prerequisites: 1ab, 53ab.

Two Hours

**107a,b MUSIC COMPOSITION**

Practice in writing original compositions in the smaller forms.

Prerequisites: 1ab, 53ab.

Four Hours

**108a ORCHESTRATION**

A study of the instruments of the orchestra; arranging music for the orchestra.

Prerequisites: 1ab, 53ab.

Two Hours

### MUSIC HISTORY

**63a,b MUSIC APPRECIATION**

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

**109a,b HISTORY OF MUSIC**

A chronological study of the various periods in the development of music from the earliest times to the present.

Four Hours

**110a CHURCH MUSIC**

A survey of the various types of church music, including a study of hymn-tunes, their background and history and their use in the services of the church.

Two Hours

**112b HYMNOLOGY**

A study of the hymns and hymn-writers of the church, and the effective use of hymns in worship.

Two Hours

### SPECIAL COURSES

**4a ELEMENTS OF MUSIC†**

The study of the rudiments of music, dictation, sight-singing and ear-training. Primarily for students without any previous music training.

Two Hours

**6b CONDUCTING I**

Fundamental rules of conducting.

Two Hours

**8a MUSIC SEMINAR†**

A workshop, usually given during the summer for teachers or church workers. The material covered will be chosen from the fields of sight-singing and theory, church music, evangelistic music, and school music. Coaching in applied music will be available.

One Hour

**114b GOSPEL SONG DIRECTING†**

For theology students who are preparing to direct music in evangelistic meetings.

Prerequisite: 6b.

Two Hours

**121a,b CONDUCTING II**

Study of the art of directing choirs, choruses, and congregational singing. Students are required to belong to either a choral or instrumental organization.

Prerequisite: 6b.

Four Hours

**160a (and b) AESTHETICS**

A basic course in the principles of beauty which are fundamental to an understanding of all the arts.

Two Hours

**199 ADVANCED MUSIC PROJECTS.**

Two Hours

†May not be counted toward the major or minor requirement in music.

## ORGANIZATIONS

## 9a,b CHOIR I

An eight part choir class organized for the study of choral music, accompanied and unaccompanied. Two Hours

## 11a,b ORCHESTRA

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. Two Hours

## 15a,b BAND

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year. Two Hours

## 17a,b GLEE CLUBS

Organizations for the study of secular music, accompanied and unaccompanied. Two Hours

## 18a (or b) ORATORIO CHORUS

A mixed chorus open to all students wishing to study such oratorios as the *Messiah*, *Elijah*, *Creation*, and *Redemption*. One Hour

## 115a,b CHOIR II

Offered for the purpose of studying the human voice in accompanied and unaccompanied ensemble. Open to students with previous choral experience or by voice test. Concerts are given each year in surrounding cities. Two Hours

## VISUAL ARTS

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Art Appreciation, 4 hours; Drawing and Painting, 10 hours; electives, 4 hours.

## 3a,b FUNDAMENTALS OF DRAWING AND PAINTING

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One-Six Hours

## 5a,b ART APPRECIATION

A study of fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours

## 50b LETTERING

Lectures, work assignments in single stroke Roman, Gothic, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

## 52b ART EDUCATION

A study of the fundamental art principles as applied to the art needs of children. Teaching methods. Two Hours

## 61a,b SCULPTURE

Modeling or carving in various media. One-Six Hours



## 101a,b COMMERCIAL ART AND ILLUSTRATION

Lettering and layout for book illustrations and advertising.

Prerequisite: 3a,b (Two Hours), 50b.

Four Hours

## 103a,b PAINTING

Landscape, still-life, or portrait painting in oil or water color.

Prerequisite: 3a,b (Four Hours)

One-Six Hours

## 106a INTERIOR DECORATION

A study and application of the principles governing the selection and arrangement of furniture, textiles, pictures, and other home furnishings.

Two Hours

## V

## APPLIED ARTS

DORIS CARLSEN, *Chairman*<sup>†</sup>

WALTER KENNEDY

RUTH J. STENBORN

ROLLAND H. HOWLETT

ALWIN TOEWS

## HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. *Basic requirements:* The same as for the regular Bachelor of Science degree, plus other courses including those in the major field and Fine Arts, 2-4 hrs., to be chosen in council with the major professor to make up the total 128 hour requirement.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Foods and Cookery; Clothing I; Art in Life or Home Furnishing; Home Hygiene; and Household Management.

**5a (or b) FOODS AND COOKERY**

A course designed for men interested in a study of basic food preparation and nutrition. Two Hours

**7ab FOODS AND COOKERY**

A study of the principles of human nutrition and their application to the dietary problems of the average family, food composition and nutritive values, problems in marketing, meal planning, food preparation and table service. Four Hours

**7abL FOODS AND COOKERY LABORATORY**

Required with 7ab.

Two Hours

**50b ART IN LIFE**

This course offers instruction in the use of art elements and principles in the application of design to everyday living, clothing and other aspects of the home. Two Hours

**52a CLOTHING I**

This course covers the fundamental techniques of garment selection, construction, and fitting and the use of commercial patterns with simple problems in original design. Two Hours

**52aL CLOTHING LABORATORY**

Required with 52a.

One Hour

**54b CLOTHING II**

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health and economy.

Prerequisite: 52a.

Two Hours

**54bL CLOTHING II LABORATORY**

Required with 54b.

One Hour

<sup>†</sup>On leave, 1947-1948

**58b COSTUME DESIGNING**

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years. Two Hours

**60bL MEAL PLANNING AND TABLE SERVICE**

Instruction and laboratory practise in the planning, preparation and serving of meals. Study is also made of special occasions. Two Hours

**94b HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use and arrangement of household equipment. (Upper division credit by arrangement: 194b) Three Hours

**98a HOME FURNISHING\***

Furnishing a small home from the standpoint of comfort, beauty and economy, with practical application of skills and practices; including a study of the influence of historic design. (Upper division credit by arrangement: 198b) Three Hours

**100a NUTRITION**

A study of the composition and nutritive values of food as related to physical fitness and the selection of a balanced diet for health at various age levels with dietary calculations and standards. Three Hours

Prerequisite: For Home Economics Majors, 7ab.

**102b TAILORING**

This course comprises a study of the techniques of ladies tailoring and fitting. One Hour

Prerequisite: 52a.

**102bL TAILORING LABORATORY**

Required with 102b. One Hour

**114b EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability and economy of food products. One Hour

Prerequisite: 7ab and 7abL

**114bL EXPERIMENTAL FOODS LABORATORY**

Required with 114a One Hour

**174a INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing and service. Two Hours

**176b QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room. Two Hours

**178a METHODS OF TEACHING HOME ECONOMICS\***

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. Two Hours

**178aL METHODS OF TEACHING HOME ECONOMICS LABORATORY**

Teaching devices and illustrative materials are made for use in teaching the various home economics subjects. One Hour

Required with 178a.

**182a CHILD CARE AND DEVELOPMENT**

A study of the child from early prenatal life through the pre-school age, with emphasis upon growth, nutrition and home education.  
Two Hours

**184b DIET AND DISEASE\***

A study of the normal diet with modifications necessary in pathological conditions.  
Prerequisite: 100b  
Three Hours

**INDUSTRIAL ARTS**

*Major Requirements:* 44 hours, of which a minimum of 15 hours must be in the upper biennium. The following distribution must be followed: 18 hours in each of two areas in Industrial Arts; 8 additional hours in one of the two areas, or in a third area; 2 hours of project courses in one field of concentration. Other required courses: General Inorganic Chemistry; Principles of Accounting; Advertising; Lettering, Freehand Drawing, or Art Appreciation. A program of studies including the above major leads to the degree of Bachelor of Science in Industrial Arts. Electives to fill out the program must be selected in consultation with the major professor.

*Minor Requirements:* 18 hours to be selected in consultation with the teachers in the division; 8 hours must be in the upper biennium. All work to be taken in the same field.

**AGRICULTURE****6b LANDSCAPE GARDENING**

A general course dealing with the planning and development of home grounds, and landscape designs, including the study of trees, plants, and shrubs most desirable for landscape use.  
Two Hours

**8a VEGETABLE GARDENING**

A study of the types of vegetable gardening with emphasis on the preparation, cultivation, and fertilization of garden soils.  
Two Hours

**8aL VEGETABLE GARDENING LABORATORY**

Required with 8a.

One Hour

**56a SOILS AND FERTILIZERS**

A study of origin, transportation, mechanical composition, chemical analysis of soils, humus, nitrification forms, and movement of water and air in soil and their relation to soil fertility. Crop rotations, natural and commercial fertilizers, liming, drainage, irrigation, and related subjects.  
Two Hours

**66a FEEDS AND FEEDING**

A study of the fundamental needs and practices in animal nutrition.  
Two Hours

**68a HORTICULTURE\***

A study of the fundamental principles of home and commercial fruit growing.  
Three Hours

**108b POULTRY HUSBANDRY**

The methods of raising, caring for, and handling most profitably all kinds of utility poultry. Laboratory work as required.  
Two Hours



**116a FARM MANAGEMENT\***

The organization and management of an enterprise, production units, power and equipment. Use and kind of records. **Two Hours**

**118b ANIMAL HUSBANDRY**

Study of the history, characteristics, use, care, and management of farm animals. **Three Hours**

**120b FIELD CROPS**

A study of the distribution, cultural methods and economic importance of the leading crops. **Three Hours**

**PHOTOGRAPHY****48a ELEMENTARY PHOTOGRAPHY****Two Hours****PRINTING****21ab PRINTING I.**

Study and practice of the fundamental procedures in the field of letterpress printing; straight and display composition, imposition and simple presswork. **Six Hours**

**50ab LETTERING**

See Visual Arts, Division IV.

**51ab PRINTING II.**

Principles of display composition, imposition, platen and cylinder presswork: Standards and usages of allied industries, such as engraving, the paper trade, and ink manufacturing. Laboratory work includes the production of usable printed material. The student is expected to develop a reasonable degree of speed and accuracy in a selected field, and should be able to work independently at the end of the course.

Prerequisite: 21ab.

**Four Hours****115ab ADVERTISING\***

See Business, Division VI.

**131ab LINOTYPING**

Touch system operation, care of the machine, and simple adjustments of the linotype. Class limited to four members. Instruction and keyboard practice of 10 hours each week required.

Prerequisite: 21ab.

**Six Hours****141ab ESTIMATING AND SHOP MANAGEMENT**

Planning, layout, estimating, and complete manufacture of all classes of printing.

Prerequisite: all printing laboratory courses.

**Two Hours****RADIO****15ab (See Physics: Elementary Radio.)****SHOP****11ab CARPENTRY I**

A course in planning a building, making a bill of materials, building foundations, framing, rafter layout and cutting, roofing, stuccoing, plumbing, and wiring. (Class work, four hours per week. Paid domestic labor four hours a week required.) **Four Hours**

**14a (or b) ARCHITECTURAL DRAWING I**

The elements of house planning and construction methods; blueprint reading for the building trades. Two Hours

**24a WOODTURNING**

Wood lathes, tools, and how to use them. Two Hours

**26a (or b) CABINET MAKING I**

The almost lost art of making fine furniture by hand. An aid to the appreciation of values in furniture and furnishings. Two Hours

**32a (or b) MECHANICAL DRAWING**

Care and use of instruments, lettering, orthographic projection, working drawings, development of solids, tracing, and blueprinting. Two Hours

**64b PICTORIAL DRAWING\***

A study of oblique, cabinet, and perspective drawing, and sketching, and fundamental views of oblique planes.

Prerequisite: 24a or 32a. Two Hours

**101ab CARPENTRY II**

A continuation of Carpentry I, covering mill work, cabinet work, plastering and finishing, including painting and varnishing. (Four hours class work per week and four hours paid domestic labor required.)

Prerequisite 11ab. Four Hours

**102a (or b) CABINET MAKING II**

An advanced course in furniture construction designed for those who have had experience in both hand and machine cabinet work.

Prerequisite: 26a or b and a knowledge of mechanical or architectural drawing. Two Hours

**110a (or b) ARCHITECTURAL DRAWING II**

House planning, detail and pictorial drawing, estimating, etc.

Prerequisite: 14a Two Hours

**112a (or b) ENGINEERING DRAWING**

Conventions, details, assembly drawing from sketches, designing of machinery parts, piping layouts, etc.

Prerequisite: 32a. Two Hours

**182a MATERIALS AND METHODS FOR VOCATIONAL TRAINING**

A course designed for those interested in teaching vocations. Covers trade analysis, outline of instructions, instruction sheets, assignment sheets, reference sheets, job sheets, etc. Two Hours

**199 PROJECTS IN APPLIED AND INDUSTRIAL ARTS.**

Two Hours

## VI

## BUSINESS

E. STRAUSS CUBLEY, *Chairman*

W. E. ANDERSON

IRENE ORTNER

ALICE ANDERSON

## ECONOMICS AND BUSINESS

*Major Requirements:* 34 hours, of which a minimum of 17 must be in the upper biennium. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Lettering, 2 hours; Business Machines, 1 hour; Typewriting, 2 hours; Economic Development of the U.S., 3 hours. Three hours upper biennium secretarial science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 9 hours must be in the upper biennium.

## 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange—the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics.

Six Hours

## 3ab PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Simple financial statements are analyzed, and the business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. Intended for the general student of business as well as for the beginning student in accounting.

Six Hours

## 51ab INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems.

Prerequisite: 3ab.

Four Hours

## 52b BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations.

Three Hours

## 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine.

Prerequisites: 3ab, and Business Machines.

One Hour

## 62a ACCOUNTING FUNDAMENTALS

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only.

Two Hours

## 102a MONEY, BANKING AND CREDIT

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business.

Prerequisite: 1ab.

Three Hours

**103a,b MARKETING**

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.

Prerequisite: lab

Four Hours

**104b COST ACCOUNTING\***

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51ab.

Two Hours

**110b ELEMENTS OF STATISTICS**

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education. One laboratory per week.

Prerequisites: High school Algebra, and two hours of college mathematics (may be taken concurrently).

Two Hours

**112b ACCOUNTING SYSTEMS\***

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.

Two Hours

**115ab ADVERTISING\***

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**116b CURRENT ECONOMIC PROBLEMS\***

Economic problems of current importance; application of economic principles to a dynamic business world.

Prerequisite: lab.

Three Hours

## SECRETARIAL SCIENCE

*Major Requirements:* 30 hours in addition to Shorthand I, of which a minimum of 15 hours must be in the upper biennium. A maximum of 4 hours in business or economics may be included in the total upper biennium hours. Extra-departmental requirements: Principles of Accounting, 6 hours; Economics, 6 hours; and Business Law, 3 hours.

*Minor Requirements:* 18 hours, at least 9 of which must be in the upper biennium.

## TYPING

**5ab TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use.

Two Hours

**58a TYPEWRITING II**

Emphasis on increase of speed, accuracy, and skill in the typing of letters and business projects.

Prerequisite: 5ab or equivalent.

One Hour

**60b TYPEWRITING II**

A continuation of 58a.

One Hour



## SHORTHAND

## 7ab SHORTHAND I

Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute. Eight Hours

## 8a SHORTHAND REVIEW

Review of basic principles of Gregg Shorthand for students who have had one year of shorthand in academy or high school. Two Hours

## 10b SHORTHAND REVIEW

Continuation of 8a, plus dictation and transcription practice. Prerequisite: 8a, or equivalent. Two Hours

## 64a SHORTHAND II

Dictation practice on business and denominational material. Minimum 5-minute speed requirement: 100 words a minute. Transcription must be taken concurrently. Prerequisite: 7ab, 8a, 10b, or equivalent. Four Hours

## 66a TRANSCRIPTION

Training in fast and accurate transcription of shorthand dictation. Must be taken concurrently with Shorthand II. Two Hours

## 106a ADVANCED SHORTHAND\*

Rapid dictation and transcription of Congressional and other technical material. Minimum 5-minute speed requirement: 120 words a minute. Prerequisite: 64a. Three Hours

## 108b ADVANCED SHORTHAND\*

Rapid dictation and transcription of Congressional and other technical material. Prerequisite: 106a. Three Hours

## 150a SHORTHAND REPORTING

Rapid dictation and transcription of Congressional and other technical materials and reporting of sermons, lectures, etc. Prerequisite: 108b. Two Hours

## OFFICE PRACTICE

## 54a BUSINESS MACHINES

The theory and practice of various types of calculating and adding machines, and duplicators. Prerequisite: 5ab, or equivalent. One Hour

## 70b OFFICE PRACTICE

Instruction in office procedures, business ethics, filing, and the personal qualifications of the secretary. Typing II must be taken concurrently. Prerequisite: 64a. Four Hours

## 72a (or b) EDIPHONE

Instruction and practice in the use of the Ediphone, with emphasis on fast and accurate transcribing from the secretarial unit. Prerequisite: 5ab, or equivalent. One Hour

## 74 a (or b) FILING

A study of the filing systems most commonly used in business; practice in both card and correspondence filing. One Hour

## 182a METHODS IN TEACHING SHORTHAND AND TYPEWRITING

Lectures, class discussions and assigned reading on methods of teaching shorthand and typewriting. Two Hours

**b OFFICE MANAGEMENT\***

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space and organizing the flow of work through the office.

Three Hours

**199 PROJECTS IN DIVISION VI.**

Two-Four Hours

# SPECIAL CURRICULA

## CURRICULUM FOR MINISTERIAL STUDENTS

The La Sierra College Ministerial training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theological Curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. Besides the 1. average in all his studies, the ministerial student must maintain a 1.5 average in Religion and Cognate studies above the freshman year. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours. Graduation will be granted only to those who have, in addition, attained a certain maturity of mind and manner, who have acquired cultural and social graces, and who have developed a wholesome spiritual experience.

	1st Sem.	2nd Sem.
<b>First Year</b>		
Life and Teachings.....	2	2
English Composition.....	3	3
Greek I.....	4	4
Science.....	3	3
Fundamentals of Speech.....	2	2
Applied Arts.....	(1)	2
College Problems.....	1	
Physical Fitness.....	1½	1½
<b>Second Year</b>		
Bible Doctrines.....	3	3
European Civilization.....	3	3
Greek II.....	3	3
U. S. Constitution.....	2	
Voice and Diction.....		2
Accounting Fundamentals.....	2	
Education.....		3
Applied Arts.....	2	2
Physical Fitness.....	1½	1½
<b>Upper Biennium</b>	<b>Hours</b>	
Advanced Physiology.....	4	
Church History.....	6	
Daniel and Revelation (UD).....	4	
Epistles.....	6	
Field Work.....	2	
Gift of Prophecy.....	3	
Homiletics.....	6	
Literature.....	2	
Music.....	2	
Personal Evangelism.....	2	
Persuasive Speech.....	3	
Philosophy of Science.....	3	
Prophets.....	6	
Public Evangelism.....	2	
Electives.....	25	

## CURRICULUM FOR NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of bachelor of science in nursing, with a minor in biology. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited Seventh-day Adventist school of nursing. Nurses who have completed the pre-nursing curriculum may meet the requirements for a degree with approximately forty semester hours additional work; of which a minimum of thirty hours must be in the upper biennium. The nurse who has not had college pre-nursing will need to take additional work. It is recommended that the nurse who plans on administrative work or teaching take additional work in the fields of education and psychology.

*Major Requirements:* In addition to work taken in the school of nursing ten semester hours must be in the field of nursing education.

### FIVE-YEAR COMBINED CURRICULUM

#### First year:

Pre-nursing	Hours
English .....	6
Bible .....	4
Anatomy and Physiology.....	6
History of Nursing.....	3
Microbiology .....	4
Chemistry .....	6
Health Principles .....	2
Physical Education.....	1

Second, third, and fourth years—in the school of nursing.

Fifth year, the indicated hours selected from each group:

Biology, 9 hours

Genetics .....	3
Advanced Physiology.....	4
Embryology .....	2 or 3
Ecology .....	2 or 4
Philosophy of Science .....	3

Nursing Education, 10 to 12 hours

Current Trends.....	2
Comparative Nursing Practice.....	2
Supervision in Schools of Nursing.....	2
Ward Management.....	2
Teaching in Schools of Nursing.....	2
Curriculum Construction.....	2



## Religion, 4 to 6 hours

New Testament Epistles.....	3
Gift of Prophecy.....	2
Old Testament Prophets.....	3

## English and Speech, 6 hours

Speech .....	4
Literature .....	6

## Social Studies, 9-14 hours

## History, 6-8 hours

Constitutional History .....	2
Ancient World History .....	2
Europe Since 1914 .....	2
British Civilization .....	4

## Psychology, Education and Sociology, 3-6 hours

Educational Psychology .....	3
Philosophy of Education .....	3
Sociology .....	3

## CERTIFICATE CURRICULA

### MEDICAL

La Sierra College prepares students for medical colleges, but, in harmony with the policies of the American Medical Association it does not list a prescribed curriculum. Premedical students who meet the requirements for Arts and Sciences and the requirements for recommendation to the medical college, will be given the degree of Bachelor of Science at the completion of the medical course.

The requirements for *recommendation* to the College of Medical Evangelists include: (a) a satisfactory conduct and character rating, (b) a minimum scholarship rating of 1.5, (c) credit in the basic courses listed below, (d) enough college credit over and above the basic requirements to meet the entrance requirements of the College of Medical Evangelists and the estimate made by the recommendation committee of the needs of the individual student, the total requirement being 96 semester hours, (e) a satisfactory rating in college aptitude and/or psychological tests, and in the Moss medical aptitude test.

#### *Basic Requirements*

Required Courses:	Semester Hours
Biology .....	10
General Physics .....	8
Religion .....	12
Chemistry (Inorganic 8, Organic 6, Quant. Anal. 3) .....	17
Mathematics .....	6
Problems of College and Life (Orientation).....	1
American Constitution.....	2
*French, German, or Spanish.....	6-15
English Composition and Literature.....	6
Physical Education .....	2
Elective Hours .....	16-25

#### MEDICAL TECHNOLOGY and PHYSICAL THERAPY

Two years of college work are required as preparation for the one year of professional training for Medical Technology, and for Physical Therapy. It is not required that a uniform curriculum shall be followed. Instead, the following requirements are set up for recommendation

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\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 15 hours. Students taking two years of Latin in high school must begin one of the above foreign languages on the college level and complete 12 semester hours in the same language.

from La Sierra College: (a) a minimum scholarship rating of 1.5, (b) suitable credit in the basic courses listed below, (c) enough college credit hours to total 64, including the required courses, (d) a satisfactory conduct and character rating.

### Basic Requirements

#### First Year

Bible Survey or Daniel and Revelation.....	2	2
English Composition .....	3	3
General Zoology .....	2	2
General Zoology Lab. ....	1	1
General Chemistry .....	3	3
General Chemistry Lab. ....	1	1
Problems of College and Life .....	1	
Microbiology with Lab. ....		4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives to make 16 hours each semester		

#### Second Year

Religion .....	4	4
Quantitative Analysis .....	1	
Quantitative Analysis Lab. ....	2	
Mammalian Anatomy with Lab. ....	2	
American Constitution .....		2
Principles of Education .....		3
Electives to make 16 hours each semester		

NOTE 1: Three hours of elective sciences included with the above satisfies the minimum science requirements for entrance to the Physical Therapy school.

NOTE 2. Electives are to be chosen in counsel with adviser. Suggested by Loma Linda are such courses as: Physics, Organic Chemistry, Bio-chemistry, Embryology, Educational Psychology, Human Anatomy, Public Speaking.

### DENTAL

#### First Year

	Semester Hours	
	First	Second
Religion .....	2	2
English Composition.....	3	3
Plane Trigonometry.....	3	
Problems of College and Life.....	1	
†General Chemistry.....	3-1	3-1
General Zoology .....	2-1	2-1
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours.....	3	

#### Second Year

Religion .....	2	2
Quantitative Analysis .....	1-2	
General Physics.....	3-1	3-1
Organic Chemistry .....	2-1	2-1
American Constitution.....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours.....	8	

†Science courses carrying laboratory have the laboratory credit hours shown after the class hours.

## NURSING

	Semester First	Hours Second
Religion .....	2	2
Chemistry for Nurses.....	2-1	2-1
English Composition.....	3	3
Human Anatomy.....	3-1	
Human Physiology.....		2
History of Nursing.....	3	
Microbiology .....		3-1
Health Principles.....		2
Physical Education .....	1	1

## PRE-DIETETICS

Two years of college work totaling 64 semester hours are required as preparation for the two years professional training for Dietetics.

*First Year*

Religion .....	2	2
English .....	3	3
Problems of College and Life .....	1	
General Chemistry .....	3-1	3-1
Foods and Cookery .....	2-1	2-1
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives .....		6

*Second Year*

Religion .....	2	
Physiology .....	3	
American Constitution .....		2
†Social Science .....		5
General Psychology .....	3	
Principles of Education .....		3
Speech .....	2	2
Art in Life .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives .....		7

RECOMMENDED ELECTIVES: Typing, Journalism, Accounting, Music, Interior Decorating, Clothing.

†Chosen from two of the following fields, with a minimum of 8 hours of Economics Psychology, Sociology.



## BIBLE WORKERS†

*First Year*

	First Semester	Second Hours
Bible Doctrines .....	3	3
Daniel and Revelation.....	2	2
English Composition.....	3	3
Public Speaking.....	2	2
Music .....	2	2
Everyday Art .....	3	
Education .....		3
Storytelling .....	1	
Voice .....		1

*Second Year*

Epistles .....	3	3
Personal Evangelism .....	3	3
Church History .....	3	3
Physiology .....	2	2
Gift of Prophecy.....	2	
Elective Hours.....		8

## RECOMMENDED ELECTIVES

Archaeology	Journalism
Clothing	Junior Evangelism
Education courses	Life and Teachings of Jesus
Evidences of Christianity	Music
Foods and Cookery	Old Testament Prophets
Gardening	Psychology
Health and Home Nursing	Speech
History	Tailoring
Interior Decorating	

†This curriculum is designed for mature young men or women wanting a special course. No upper division credit will be given for courses ordinarily so designated unless prerequisites have been met and the student is otherwise qualified.

## TWO-YEAR SECRETARIAL†

*First Year*

<i>Course</i>	<i>Semester</i>		<i>Hours</i>
	<i>First</i>	<i>Second</i>	
Religion .....	2		2
English composition .....	3		3
Shorthand I .....	4		4
Typing I .....	1		1
Problems of College and Life .....	1		
Principles of Accounting .....	3		3
Physical Education .....	$\frac{1}{2}$		$\frac{1}{2}$
Elective Hours .....		4	

*Second Year*

Religion .....	2		
Shorthand II .....	4		
Transcription .....	2		
Typing II .....	1		1
Office Practice .....			4
Business Machines .....	1		
Economics .....	3		3
American Constitution .....			2
Ediphone or Filing .....			1
English or Speech .....	2		2
Physical Education .....	$\frac{1}{2}$		$\frac{1}{2}$
Elective Hours .....		3	

## TEACHING (TWO-YEAR ELEMENTARY)

*First Year*

	<i>Semester</i>		<i>Hours</i>
	<i>First</i>	<i>Second</i>	
Religion .....	2		2
Principles of Geography.....			2
General Psychology .....	3		
Problems of College and Life.....	1		
Physical Science Survey.....	3		
Biological Science Survey.....			3-1
English Composition .....	3		3
Story Telling .....	1		
Arithmetic in Elementary Education .....			1
Principles of Education .....			3
Teaching I .....	1		1
Applied Arts .....	2		
Physical Education .....	1		1

†The entrance requirement for this curriculum is a diploma from an accredited secondary school, but the courses taken are applicable toward a degree only if the college entrance requirements for degree candidates are fully met. (See "Academic Standards.")

*Second Year*

Religion .....		2
Social Science.....	3	3
Health Education.....		2
Music Education .....	3	
Procedures of Teaching in the Elementary School II.....	2	2
Educational Psychology .....	3	
Voice and Diction.....		2
Crafts .....	2	
Art Education.....		2
Teaching II .....	1	2
Teaching Technique and Management.....	2	
Physical Education .....	1	1





# FINANCIAL INFORMATION

## ESTIMATE OF EIGHTEEN WEEK SEMESTER EXPENSE

Tuition (16 semester hours).....	\$158.00
Room rent (two in room)	
Mu Beta Kappa and Gladwyn.....	63.00
Board (average).....	88.00
Average expenses for the semester.....	\$309.00
(The two-session summer semester will average).....	\$250.00

The above does not include books, laboratory fees, nor private lessons in music and speech. The cost of books varies with different courses, from \$15.00 to \$25.00 a year. For laboratory fees and private music lessons, see the schedule on the following pages.

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

## SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay to the cashier their guarantee deposit before beginning registration.

*The entrance fee* is included in the tuition and covers the following items: cost of registration, use of the library, health service, Lyceum course, aptitude tests, student body membership, a subscription to the school paper and the yearbook. Students who attend one semester only are not entitled to a yearbook unless they are willing to pay an additional fee of \$1.50.

*The guarantee deposit* is \$85.00 for resident (boarding) students and \$45 for non-boarding or day students. This deposit takes the place of the *advance* charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. Students registering after the regular registration days must pay a fee of \$5.00.

The above items are payable by all students. Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket. For students in Chemistry for Nurses the price of the ticket is \$7.00. For those enrolling in other chemistry courses, the price is \$10.00. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the College on or before September 1.

### TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$12.15	8 .....	\$ 97.20
2 .....	24.30	9 .....	109.35
3 .....	36.45	10 .....	121.50
4 .....	48.60	11 .....	133.65
5 .....	60.75	12 .....	145.80
6 .....	72.90	13-16 .....	158.00
7 .....	85.05	17 .....	170.15
		18 .....	182.30

The above tuition charges are payable in four semestral installments as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Summer session charges are payable at the end of each calendar month.

Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

Adjustments on tuition will be made only at the end of the week in which a student drops school. Tuition is payable to the end of the week in which classes are dropped.

### ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$15.75 per month
Angwin Hall and Calkins Hall.....	16.75 per month
Special rooms in Angwin Hall.....	18.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return

the key when he leaves the College, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The health service fee applies towards the expenses of maintaining a nursing staff in the College, and includes a limited amount of simple treatments and general health examinations, but does not include doctor's fees, prolonged nursing or special electric light treatments.

## PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$24.00 per semester for one lesson a week; \$40.00 per semester for two lessons a week. Single lessons are \$2.00 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up at his earliest convenience. Less than eight lessons per semester will be charged at the single lesson rate.

## FEES AND RENTALS

### *Application Fee*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Science Laboratory Fees*

	Semester Per		Semester Per
Anatomy and Physiology.....	\$ 7.50	Microtechnique .....	\$ 5.00
Animal Ecology.....	5.00	Photography, Advanced .....	5.00
Biochemistry .....	7.00	Plant Anatomy .....	5.00
Biological Science Survey....	3.00	Plant Ecology.....	5.00
Chemistry for Nurses.....	5.00	Plant Physiology.....	5.00
Comparative Anatomy.....	10.00	Physical Chemistry.....	6.00
Electrical Measurements.....	5.00	Physical Science Survey.....	3.00
Electronics .....	5.00	Optics .....	5.00
Elementary Photography.....	10.00	Organic Chemistry.....	7.00
General Botany .....	5.00	Qualitative Analysis.....	10.00
General Chemistry.....	6.00	Quantitative Analysis.....	10.00
General Physics.....	7.50	Tests and Measurements.....	1.00
General Zoology.....	7.50	Vertebrate Anatomy.....	10.00
Methods .....	10.00	Vertebrate Embryology.....	10.00
Microbiology .....	7.50		

*Fine Arts—Music*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not.

A Cappella Choir  
Chapel Choir  
Male Chorus  
Glee Clubs  
Orchestra  
Band

All *Visual Arts* courses carry a laboratory fee of \$2.50 per semester each.

*Applied Arts and Sciences*

	Per Semester
Home Economics:	
All Food Classes .....	\$7.00
Home Economics Methods.....	2.50
Home Furnishing .....	1.50
Everyday Art.....	1.00
Schoolroom Crafts.....	3.50
All Clothing Classes.....	2.50
Business Machines.....	3.50
Bookkeeping Machine.....	2.50
Filing or Ediphone.....	2.00
Printing I .....	7.50
Printing II .....	4.50
Linotype (per month) .....	5.00
News Writing .....	1.00

All shop laboratories are charged a fee of \$2.50 each semester.

*Health and Physical Education*

	Per Semester
Physical Education.....	\$2.00
Medical Cadet Corps.....	2.00
(Subject to change)	

*Rentals*

	Per Month
Typewriter, one period per day.....	\$1.50
Music Rentals	Per Semester
Practice Room, one hour a day.....	\$ 5.00
Practice Room, two hours a day.....	8.00
Pipe Organ, Estey, two hours a week.....	14.00
Pipe Organ, Wurlitzer, three hours a week.....	14.00
Hammond Organ, two hours a week.....	6.00
Hammond Organ, three hours a week.....	9.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35
Hammond Organ.....	.25



*Special Fees*

Permit for each special examination.....	\$3.00
Change of class after two weeks.....	1.00
Degree .....	5.00
Diploma—Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration.....	5.00
Medical Aptitude Test.....	5.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the College, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

**THE STUDENT BANK**

Provision is made for students to deposit in the Student Bank in the business office of the College such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

**COLLEGE BOOK STORE**

Books, school supplies, and stationery are sold in the College Store. These supplies are sold for cash.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the Dean.

Laboratory fees, as determined by the instructor and the business office, will be charged for the use of laboratories or materials to complete unfinished work after termination of the regular semester.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the College are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The College reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is specifically stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Labor credits cannot be transferred to any person other than a brother or sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public* 346, 78th Congress, 1944).

Veterans wishing to attend school under the provisions of *Public* 346 should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public* 16 should be evidenced by a letter authorizing such training signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by showing either a photostatic copy of a certificate of eligibility from the State or a "study list."

All veterans should plan to enter school with the understanding that suspended items by the Government, either State or Federal, will be paid by them. Veterans will do well to plan to have sufficient funds to cover at least two months' living expenses when first applying for veterans benefits.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the College. Details of such scholarships should be obtained from the business office before the student begins work.

## ENROLLMENT ANALYSIS 1946-1947

	Men	Women	Totals
Regular Semesters			
Freshmen .....	226	136	362
Sophomores .....	143	92	235
Juniors .....	117	35	152
Seniors .....	16	16	32
Special and Unclassified .....	33	73	106
Extension Division .....			20
Preparatory School .....	123	122	245
Summer Session			
Freshmen .....	59	22	81
Sophomores .....	37	11	48
Juniors .....	38	7	45
Seniors .....	10	10	20
Special and Unclassified .....	9	13	22
Preparatory School .....	41	34	75
College Total .....			1123
Preparatory School Total .....			320

## GRADUATES OF 1946

*Bachelor of Arts*

- †Eldon Curtis Boyd
- Lydia Ray Cole
- †Clyde Celian Groomer
- Daniel Richmond Guild
- †Lyman Lester Ham
- William Ralph Harbour, Jr.
- †Armen Jack Johnson
- Kenneth Lewis Juhl
- Doris May Kannenberg
- Vernon Everett Kelstrom
- Clarence Ethel Larsen
- Paul Cornelius McFeeters
- Lee Jack Meidinger
- Harvey Nary Miller
- Robert Lloyd Osborne
- †Kenneth Blaine Perry
- †Malinda Margaret Rodenberg
- Franklin David Rusche
- Dorothy Jean Sheldon
- Calvin Allison Sterling
- Dwight Stanley Wallack
- Howard Benjamin Weeks
- Floyd Gale Wood
- Frank Cooper Wyman

*Bachelor of Science*

- †Ella Ambbs Bishop
- Business Administration
- Howard Wilson Carter
- Business Administration
- †Dorothy Isabelle Liese
- Business Administration
- †Alice Kathryn Kuhn, Nursing
- Laurel Antoinette Weibel, Science
- †Peggy Soi Pung Wong
- Home Economics
- Rhoda Youngberg Kincaid, Science

†Summer Graduates

*DIPLOMAS and CERTIFICATES**Premedical*

- †Almon James Balkins, Jr.
- †Glenn William Chadwick
- Everette Wesley Dick
- †Marjorie Frances Edgren
- Augustus Hunter Foster
- Theodore Charles Howard
- Kenneth James McGill

*Predietetic*

- Velma Frances Cranfill

*Bible Workers*

- †Eunice Virginia Moore

*Secretarial Training*

- Mary Alice Bickett
- Georgia Christine Day

*Teacher Training*

- Muriel O. Carscallen

*Prenursing*

- Jeanette Bailie
- Marjorie Jeanne Fults
- Marguerite Elaine Hannum
- Soonhwe Kang (Hasemoto)
- Majella Lau
- Elaine Adele Lindsay
- Richie Jean Lumbattis
- Margaret Gwen McDonald
- Dorothy Marcia Martin
- †Barbara Katherine Moore
- Dorothy Mae Scantlin
- Lois Gertrude Schaffner
- Marybelle Seeley
- Nora Elaine Sterling
- Marquise Mae Wahlen
- Gloria Faith Wilson
- Dorothy Ellen Wood
- June Lorraine Wright
- Mildred Mae Young



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# La Sierra College

BULLETIN  
1948-1949



ARLINGTON, CALIFORNIA

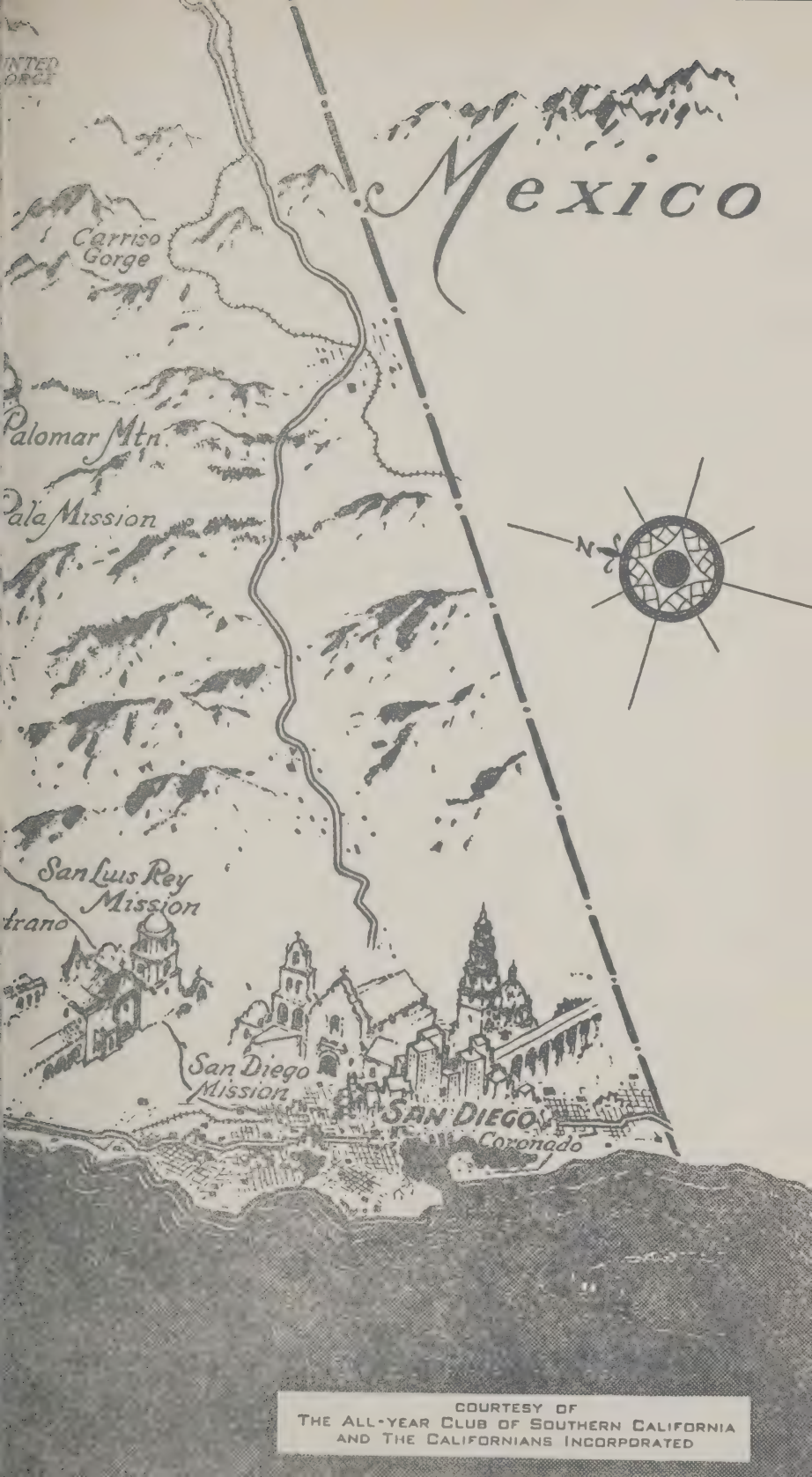








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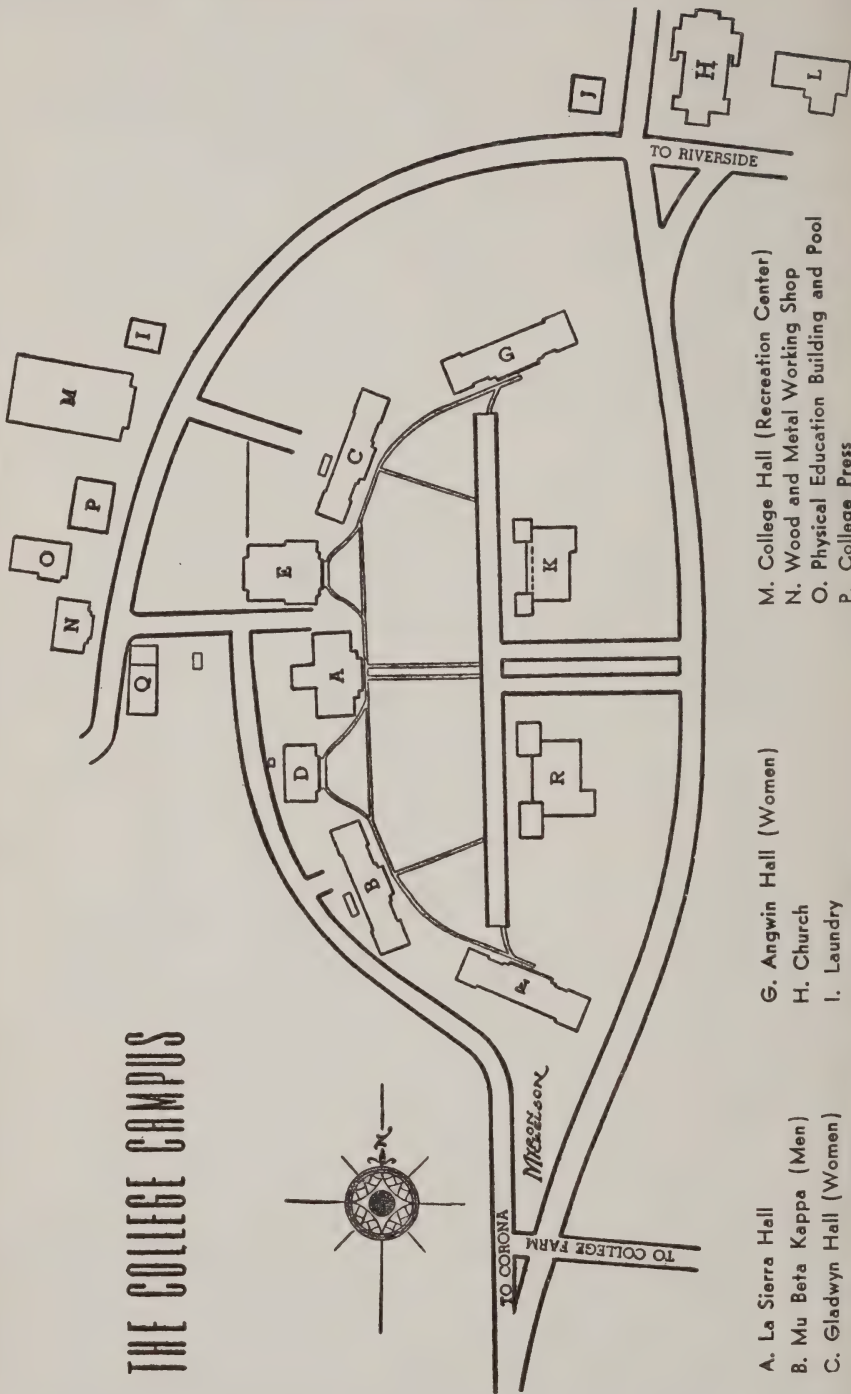
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AND THE CALIFORNIANS INCORPORATED





**LA SIERRA COLLEGE  
BULLETIN**

# THE COLLEGE CAMPUS



- |                                |                        |   |
|--------------------------------|------------------------|---|
| A. La Sierra Hall              | G. Angwin Hall (Women) | M. College Hall (Recreation Center)     |
| B. Mu Beta Kappa (Men)         | H. Church              | N. Wood and Metal Working Shop          |
| C. Gladwyn Hall (Women)        | I. Laundry             | O. Physical Education Building and Pool |
| D. San Fernando Hall (Science) | J. College Store       | P. College Press                        |
| E. Hole Memorial Auditorium    | K. Cafeteria           | Q. Tennis Courts                        |
|                                |                        | R. Administration Building and          |

# La Sierra College Bulletin

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# CALENDAR

1948-1949

September							January							May							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3	4							1	1	2	3	4	5	6	7	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	8	9	10	11	12	13	14	
12	13	14	15	16	17	18	9	10	11	12	13	14	15	15	16	17	18	19	20	21	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	22	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	
26	27	28	29	<b>30</b>			23	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	29	29	30	<b>31</b>					
							30	<b>31</b>													
October							February							June							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
					1	2			1	2	3	4	5				1	2	3	4	
3	4	5	6	7	8	9	6	7	8	9	10	11	12	5	6	7	8	9	10	11	
10	11	12	13	14	15	16	13	14	15	16	17	18	19	12	13	14	15	16	17	18	
17	18	19	20	21	22	23	20	21	22	23	24	25	26	19	20	21	22	23	24	25	
24	25	26	27	28	29	30	27	<b>28</b>						26	27	28	29	<b>30</b>			
<b>31</b>																					
November							March							July							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
	1	2	3	4	5	6			1	2	3	4	5							1	2
7	8	9	<u>10</u>	<u>11</u>	<u>12</u>	13	6	7	8	9	10	11	12	3	4	5	6	7	8	9	
14	15	16	17	18	19	20	13	14	15	16	17	18	19	10	11	12	13	14	15	16	
21	22	23	24	25	26	27	20	21	22	23	24	25	26	17	18	19	20	21	22	23	
28	29	<b>30</b>					27	<u>28</u>	<u>29</u>	<u>30</u>	<b>31</b>			24	25	26	27	28	29	30	
														<b>31</b>							
December							April							August							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3	4							1	2		1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
26	27	28	29	30	<b>31</b>		24	25	26	27	28	29	<b>30</b>	28	29	30	<b>31</b>				

**Bold Dates** — Financial periods close (Accounts due within ten days).  
**Underscore** — Examination days.

# CALENDAR OF EVENTS

## 1948 - 1949

### SUMMER SESSIONS 1948

First Summer Registration.....	June 21
Second Summer Session Registration.....	July 27



### FIRST SEMESTER

Placement Tests for New Students*.....	September 13
Registration .....	September 13, 14, 15
Instruction Begins .....	September 16
Founders Day.....	October 3
Fall Week of Prayer.....	October 18-23
Mid-semester Examinations.....	November 10-12
Autumn Recess 6:00 p.m.....	November 24
to 6:00 p.m.....	November 28
Seniors Organize.....	December 7
Senior Presentation.....	December 13
Winter Vacation 6:00 p.m.....	December 22
to 6:00 p.m.....	January 2
First Semester Examinations.....	January 24-28



### SECOND SEMESTER

Second Semester Registration ** .....	January 30
Second Semester Instruction Begins.....	January 31
College Day.....	March 2
Spring Week of Prayer.....	March 14-19
Mid-Semester Examinations.....	March 28-30
Spring Recess 6:00 p.m.....	March 30
to 6:00 p.m.....	April 3
Alumni Homecoming.....	May 1
Second Semester Examinations.....	May 23-27
Consecration.....	May 27
Baccalaureate.....	May 28
Commencement.....	May 29



### SUMMER SESSION 1949

First Summer Session Begins.....	June 13
Second Summer Session Begins.....	July 25

\*All students with less than twenty-eight semester hours of college credit, who have not taken La Sierra College freshman tests, are expected to be present at 9:00 A. M., September 13, in the college chapel, to take such tests.

\*\* See note on registration, pages 28, 29,

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the College and faculty appointments should be addressed to the President.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
Evaluation of Credits.....	Registrar
Graduate Placement.....	Dean of the College
Transcripts of Records.....	Registrar
Summer Sessions.....	Dean of the College
Veterans' Affairs.....	Dean of the College

## ADMINISTRATION AND FACULTY

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Sanitarium, California

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Los Angeles, California

WALTER E. MACPHERSON  
Los Angeles, California

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P. O. Box 580, San Jose 4, California

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1112 Keeaumoku Street, Honolulu 46, T. H.

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Box 139, Sugarhouse Station, Salt Lake City, Utah

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Box 584, Arlington, California

J. ALFRED SIMONSON  
Station A, Box 148, Los Angeles 31, California

## ON CAMPUS ADMINISTRATION

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WILLETA CARLSEN, B. S., *Registrar*  
ELMER DIGNEO, A. B., *Principal of Preparatory School*  
EDWARD B. MATHESON, A. B., *Dean of Men*  
MARY CHAMPION, B. S., *Dean of Women*  
D. GLENN HILTS, B. S. in L. S., A. M., *Librarian*

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WILLIAM E. ANDERSON, M. BUS. ADM., *Assistant Business Manager*  
J. DEE LANSING, M. D., *Staff Physician*  
ANNA VAN AUSDLE, A. B., *Director of Cafeteria*  
FLOYD WOOD, A. B., *Assistant Dean of Men*  
ESTHER LOGAN PURSLEY, A. B., *Assistant Registrar*  
AUDINE BATES, R. N., B. S., *Director of Health Service*

### OFFICERS OF AUXILIARY ACTIVITIES

CHARLES L. MARTIN, *Superintendent of Maintenance*  
WALTER KENNEDY, *Superintendent of College Press*  
GEORGE E. STEARNS, *Superintendent of College Farm*  
FRANK E. ROMANT, *Superintendent of College Store*  
JOHN DEAN, *Superintendent of Grounds*  
EDWARD W. MATHESON, *Custodian*



## INSTRUCTIONAL STAFF

- WILFRED J. AIREY, Ph D. *Professor of History*  
A. B., Walla Walla College, 1933; A. M., University of Washington, 1938; Ph. D., University of Washington, 1945. Present position, 1941 - .
- \*MARGARETE AMBS, A. M. *Professor of Modern Languages*  
A. B., Emmanuel Missionary College, 1935; A. M., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944. Present Position, 1938 - .
- LESTER H. CUSHMAN, M. S. *Professor of Mathematics*  
A. B., Pacific Union College, 1930; M. S., University of Southern California, 1932. Present position, 1930 - .
- LLOYD E. DOWNS, A. M. *Professor of Biology*  
A. B., Pacific Union College, 1933; A. M., Pacific Union College, 1945. Present position, 1944 - .
- HAROLD B. HANNUM, M. Mus., A. A. G. O. *Professor of Organ and Theory*  
A. B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M. Mus., Northwestern University, 1935. Present position, 1944 - .
- J. CECIL HAUSSLER, Ph. D. *Professor of Religious History*  
A. B., Walla Walla College, 1923; A. M., Occidental College, 1927; Ph. D., University of Southern California, 1945. Present position, 1944 - .
- EDWARD HEPPENSTALL, A. M. *Professor of Religion*  
B. Th. Stanborough Park College, England, 1928; A. B., Emmanuel Missionary College, 1933; A. M., University of Michigan, 1934; graduate work University of Southern California, 1941-1942, 1945-1946. Present position, 1940 - .
- MAYBEL JENSEN, A. M. *Professor of Elementary Teacher Training*  
A. B., Union College, 1925; A. M., University of Southern California, 1932; graduate work University of Southern California. Present position, 1925 - .
- IRENE E. ORTNER, A. M. *Professor of Secretarial Science*  
A. B., Atlantic Union College, 1934; A. M., Boston University, 1939. Present position, 1944 - .
- LOUIS C. PALMER, M. S. *Professor of Chemistry*  
A. B., Union College, 1917; M. S., University of Southern California, 1935; graduate work, University of Southern California, (Summers, 1940-1945) 1946-1947. Present position, 1936 - .
- MABEL CURTIS ROMANT, A. B., M. O. *Professor of Speech*  
A. B., Emmanuel Missionary College, 1925; M. O., Chicago School of Expression and Dramatic Art, 1929; graduate work, Catholic University of America, 1936, 1937. Present position, 1940 - .
- CLAUDE D. STRIPLIN, M. S. *Professor of History*  
A. B., Walla Walla College, 1919; M. S., University of Southern California, 1934; graduate work, University of Washington, 1943-1945. Present position, 1945 - .
- JULIAN L. THOMPSON, Ph. D. *Professor of Physics*  
B. S., Pacific Union College, 1923; M. S., University of Oklahoma, 1931; Ph. D., University of Chicago, 1939. Present position, 1946 - .
- \*On leave, 1948-1949.

- FRANK JUDSON, M. S. *Professor of Agriculture*  
B. S., Madison College, 1938; M. S. University of Tennessee, 1940;  
Present position, 1948 -
- RALPH PIERCE *Visiting Professor of Piano*  
Student of Ethel Leginska; concert pianist, appearing throughout the  
United States and Europe.
- J. DEE LANSING, M. D. *Lecturer in Physiology*  
B. S., Walla Walla College, 1942, M. D., College of Medical Evange-  
lists, 1943. Present position, 1947 -
- 
- WALTER B. CRAWFORD, A. M. *Associate Professor of English*  
B. A., Union College, 1941; A. M., Columbia University, 1947; Teach-  
ing Fellow at University of California, Berkeley, 1947. Present posi-  
tion, 1947 -
- EDNA S. FARNSWORTH, B. F. A., M. Mus. *Associate Professor of Piano*  
B. F. A. in Music, Nebraska Wesleyan University, 1938; M. Mus.,  
Redlands University, 1941. Present position, 1939 -
- JOHN T. HAMILTON, M. Mus. *Associate Professor of Voice*  
B. Mus., Northwestern University, 1941; M. Mus., Northwestern Uni-  
versity, 1945. Present position, 1947 -
- \*GEORGE T. SIMPSON, A. M. *Associate Professor of Secondary Education*  
A. B., Walla Walla College, 1934; A. M., University of Denver, 1947.  
Present position, 1947 -
- ALFRED WALTERS, M. Mus. *Associate Professor of Violin*  
B. S., Fredonia State Teachers' College, 1940; M. Mus., Boston Uni-  
versity, 1946. Present position, 1947 -
- 
- WILLIAM E. ANDERSON, M. Bus. Admin. *Assistant Professor of  
Business Administration*  
A. B., Emmanuel Missionary College, 1932; M. Bus. Admin., Univer-  
sity of Southern California, 1945. Present position, 1943 -
- CHLOE ADAMS SOFSKY, A. B., B. F. A. *Assistant Professor of Art*  
A. B., Union College, 1933; B. F. A., University of Nebraska, 1937.  
Present position, 1945 -
- WALTER F. SPECHT, A. M. *Assistant Professor of Biblical Languages  
and Religion*  
B. Th., Walla Walla College, 1936; A. M., Washington Theological  
Seminary, 1947. Present position, 1945 -
- 
- GEORGE ALFKE, A. B. *Instructor in Physical Education*  
A. B., Atlantic Union College, 1947. Present position, 1947 -
- ALICE ANDERSON, A. B. *Instructor in Secretarial Science*  
A. B., Emmanuel Missionary College, 1932. Present position, 1946 -
- LILLIAN L. BEATTY, A. M. *Instructor in English*  
A. B., Walla Walla College, 1925; A. M., Stanford University, 1935.  
Present position, 1946 -
- THOMAS HARRISON BLINCOE, A. B. *Instructor in Religion*  
A. B., La Sierra College, 1945. Present position, 1948 -
- MAUDIE BRYAN, R. N., B. S. *Instructor in Physical Education*  
R. N., Paradise Valley Sanitarium and Hospital, 1935; B. S., Walla  
Walla College, 1940. Present position, 1948 -

\*On leave, 1948-1949.

- DORIS H. CARLSEN, A. B. *Instructor in Home Economics*  
A. B., Pacific Union College, 1929; graduate work Oregon State College, 1940, 1944, 1946. Present position, 1942 - .
- WALTER T. CRANDALL, A. B. *Instructor in English*  
A. B., Washington Missionary College, 1930; graduate work at University of Southern California, 1945, 1946. Present position, 1934 - .
- GERALDINE GODDARD, A. B. *Instructor in Piano*  
A. B., Emmanuel Missionary College, 1945. Present position, 1947 - .
- HOPE H. HAYTON, A. M. *Instructor in Modern Languages*  
A. B., Pacific Union College, 1929; A. M., University of Southern California, 1934. Present position, 1946 - .
- ROLLAND H. HOWLETT, A. B. *Instructor in Printing*  
A. B., Emmanuel Missionary College, 1937. Present position, 1946 - .
- ELLEN KURTZ JACOBSON, B. Mus. *Instructor in Voice*  
B. Mus., American Conservatory of Music, Chicago, 1943. Present position, 1947 - .
- ANNA L. JOHNSTON, A. B. *Instructor in French*  
A. B., Union College, 1940; graduate work at University of Nebraska. Present position, 1947 - .
- RALPH W. KOORENNY, A. M. *Instructor in Business Administration*  
B. A., Walla Walla College, 1947; A. M., Washington State College, 1948. Present position, 1948 - .
- OLIVE SEVERS-PALMER, B. S. in Lib. Sc. *Instructor in Library Science*  
A. B., Union College, 1914; B. S. in Lib. Sc., University of Southern California, 1943. Present position, 1936 - .
- ELIZABETH M. SAUNDERS, A. T. C. M., A. B. *Instructor in Piano*  
A. T. C. M., Toronto Conservatory, Canada, 1939. A. B., Atlantic Union College, 1944. Present position, 1946 - .
- ELLEN SHORT, A. M. *Instructor in Piano*  
A. B., Emmanuel Missionary College, 1945. A. M., Boston University, 1948. Present position, 1945 - .
- RUTH J. STENBORN, B. S. *Instructor in Home Economics*  
B. S., School of Dietetics, College of Medical Evangelists, 1945. Graduate work at University of California, 1945-1946. Present position, 1946 - .
- ALWIN L. TOEWS, A. B. *Instructor in Industrial Arts*  
A. B., Pacific Union College, 1925; Fresno State College, 1930. Present position, 1939 - .
- CLARENCE O. TRUBEY, A. B. *Bandmaster and Instructor in Band Instruments*  
A. B., Pacific Union College, 1935; graduate work University of Southern California, 1942-1945. Present position, 1945 - .
- HUGH W. WILLIAMS, A. M. *Instructor in Applied Theology*  
A. B., Washington Missionary College, 1917; A. M., University of Michigan, 1948. Present position, 1948 - .
- JAMES RIGGS, A. B. *Assistant in Physics*  
A. B., La Sierra College, 1947. Present position, 1947 - .

## PREPARATORY SCHOOL SUPERVISORS

- MABEL ANDRE, A. M. *Modern Languages*  
A. B., Washington Missionary College, 1919; A. M., University of Southern California, 1935. Present position, 1943 - .
- ESTHER KUNAU, A. B. *Music*  
B. A., Union College, 1939. Graduate work Northwestern University, 1948. Present position, 1948 - .
- ALBERT C. MADSEN, A. M. *Bible and History*  
A. B., Union College, 1916; A. M., University of Southern California, 1935. Present position, 1944 - .
- ADOLPHUS H. PARKER, A. M. *Science*  
A. B., Union College, 1926; A. M., University of Minnesota, 1937. Present position, 1947 - .
- NELLIE PHILLIPS, M. Bus. Edu. *Business Education*  
A. B., Union College, 1941; M. Bus. Edu., University of Colorado, 1947. Present position, 1947 - .
- FEDALMA RAGON, A. B. *English*  
A. B., Pacific Union College, 1919. Present position, 1929 - .

## ELEMENTARY SCHOOL SUPERVISORS

- MARY WITCHEY GROOME, A. B. *Grade One*
- MARY WOODWARD, A. B. *Grade Two*
- NELLIE G. ODELL, A. B. *Grade Three*
- HAZEL OLESON SHAFER, A. B. *Grade Four*
- HELEN SWENSON, A. B. *Grade Five*
- MILDRED SHANNON *Grade Six*
- PAULINE BEEKS KOORENNY, A. B. *Grade Seven*
- GERALD G. NEFF, A. B. *Grade Eight, Principal*

## FACULTY COMMITTEES

### *Administrative Council*

Godfrey T. Anderson, Karl F. Ambs, Willeta Carlsen, Mary Champion, Elmer Digneo, Edward Heppenstall, Edward B. Matheson, Claude D. Striplin, Julian L. Thompson.

### *Religious Activities*

Walter F. Specht, Mary Champion, Elmer Digneo, Lloyd E. Downs, John T. Hamilton, Edward Heppenstall, Edward B. Matheson, Irene Ortner.

### *Academic Policies*

Claude D. Striplin, Wilfred J. Airey, Willeta Carlsen, Harold B. Hannum, Edward Heppenstall, D. Glenn Hilts, Maybel Jensen, Louis C. Palmer, Mabel Curtis Romant.

### *Curriculum*

Dean, Registrar, Department Heads.

### *Personnel*

Mary Champion, Audine Bates, Willeta Carlsen, Lloyd E. Downs, Hope Hayton, Maybel Jensen, Edward B. Matheson, Walter F. Specht, Claude D. Striplin.

### *Library*

D. Glenn Hilts, William E. Anderson, Walter B. Crawford, Lloyd E. Downs, Harold B. Hannum, J. Cecil Haussler, Olive Severs Palmer, Chloe Sofsky.

### *Public Relations*

Karl F. Ambs, Wilfred J. Airey, Godfrey T. Anderson, Walter T. Crandall, Elmer Digneo, Harold B. Hannum, J. Cecil Haussler, Mabel Curtis Romant, Claude D. Striplin, Alfred Walters.

### *Social Activities*

Wilfred J. Airey, William E. Anderson, Elmer Digneo, John T. Hamilton, Hope Hayton, Walter Kennedy, Edward B. Matheson, Irene Ortner, Mabel Curtis Romant.

### *Sponsors*

Junior Class: J. Cecil Haussler

Senior Class: Edward B. Matheson





## GENERAL INFORMATION

### THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. From the campus can be seen through the winter months the snow-clad peaks of the southern Sierra, rising above the orange groves, giving a rare beauty to the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

**ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY.** In this building are the administrative and business offices of the college, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and a microfilm room fitted with reading machines and storage cabinets. Built in 1946.

**LA SIERRA HALL,** once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Studies, and Language Divisions, and the Physics Department. Built in 1923.

**SAN FERNANDO HALL** contains the teachers' offices, classrooms, and laboratories of the Science Division. Built in 1931.

**THE HOLE MEMORIAL AUDITORIUM BUILDING** contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

**THE DEMONSTRATION SCHOOL,** located northeast of the main campus, combines the functions of parochial school for the community, and demonstration school for the department of Elementary Educa-

tion. There are eight class rooms, eight teachers' offices, and each class room has space for activities. Built of fireproof Latisteel construction in 1947.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women, and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, the office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and a smaller dining room known as the "Club Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE INDUSTRIAL BUILDINGS include one for shop instruction, including wood and metal working equipment, and offices, La Sierra College Press, the laundry, and the college general store.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms, offices and classrooms. Built in 1946.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the college. A number of students are given employment in the factory.

THE CHURCH, a beautiful house of worship for College and community, is located north of the campus on College property. It has a seating capacity of 2,200. Built in 1947.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

The first college work was offered in 1923, in teacher training, and the school acquired a name, La Sierra Academy and Normal school. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year pre-medical curriculum at La Sierra.

*Accreditation.* La Sierra College is now accredited as a College of Liberal Arts by the Northwest Association of Secondary and Higher Schools, and is approved by the Board of Regents of the General Conference of Seventh-day Adventists. The College is also a member of the American Council on Secondary Education, and the Association of American Colleges.

*Curricula.* The College has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The College also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medicine, dentistry, dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after having met the graduation requirements of the college, are granted the degree of Bachelor of Arts or Bachelor of Science. Those completing a junior college or pre-professional curriculum are granted an Associate of Arts diploma.



## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the College is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the biblical specifications of the man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the College have been defined as follows:

1. *Intellectual objectives.* The College seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.
2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.
3. *Ethical Objectives.* The College endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.



4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The College seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The College endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the functioning and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the College to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the College for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the College, as listed in the *Student Handbook* (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the College.*

As the College retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the College, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

*Guidance.* Formal instruction and teacher-student contacts in the classroom alone fail to meet the needs of the modern student in his studies, in his social life, and in his spiritual development. The school which stops with these formal contacts has failed in its duty to the student. Therefore it is the plan at La Sierra to provide for the guidance of every student under the close personal supervision of a member of the faculty, selected for the purpose by the student himself. These contacts are informal and friendly but are sufficiently constant for the student to know that his welfare is being looked after, his interests sought, and that there are faculty members to whom he may go with his problems. Of course every teacher takes an interest in his pupils. But the counselor's interest includes and coordinates all these other interests. He is interested in the whole welfare and in the whole well-being of the student. Each counselor's list is kept short to insure these contacts which constitute no small part of the spiritual, social, and character building values in the College.

*Residence.* The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the College undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not live with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and worthy students who, having made written request to the Board of Trustees, are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the *Student Handbook*.

*Health Service.* It is the purpose of the College to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the College maintains a cafeteria where wholesome food is served, and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Fitness Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastic and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

### CAMPUS ORGANIZATIONS

Opportunities are offered the student in training for leadership in organization and in the various student activities.

*Arts and Letters Guild.* This is an organization to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The club offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The objectives of the *Associated Student Body* are to provide for the social, recreational, and promotive interests of the College; and to furnish a point of contact between faculty and students. All students become members of this organization upon registration. The *College Criterion* is the organ of the Associated Student Body.

The aim of the *College Commercial Club* is to foster a spirit of friendliness among the commercial students, to acquaint them with the various problems which will be met in an office, and to meet representative business men and women, thus forming contacts valuable in business life.



The *Filomena Club* is open to all pre-nursing students. Its aim is to foster an interest in nursing and to acquaint the pre-professional student with some of the trends and current problems in her chosen field.

The *Home Economics Club* is organized for the purpose of fostering Christian ideals with respect to personal and family living and to develop a fuller appreciation of the meaning of gracious manners and healthful living. Membership is open to all students enrolled in courses in the Home Economics Department.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political inter-relations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extra-curricular interest in things and aims of chemistry. Membership is open by invitation to chemistry majors of junior and senior standing. Each year a few students who have not yet attained junior status as chemistry majors are admitted as associate members.

The *Language Clubs* meet at regular intervals during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

The *La Sierra Naturalists' Club* is of special interest to Biology majors and minors. Others who are interested in nature study may become members. Membership is by invitation, but those interested should make their interest known.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in foreign missions, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Music Guild* was formed to provide opportunity for self-expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

With a membership of those with some experience and much interest in things photographic, *The Photography Club* serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Radio Club* has for its purpose the increase of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

*Sigma Phi Kappa* is a women's club similar in purpose to Mu Beta Kappa.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

The *Veterans' Club* is composed of veterans of all the Allied armed forces of both World Wars. Its purpose is to foster fellowship and promote religious and social activities on the campus.

### PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra.

### MISCELLANEOUS INFORMATION

*The Summer School.* The College conducts two summer sessions of six weeks each. For information please write for the summer sessions *Bulletin*.

*The Preparatory School.* The College has connected with it a fully accredited academy or preparatory school. For information please write for the *Bulletin* of La Sierra Preparatory School.

*Communications.* The mail address of the College is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is: Riverside 9180. After 6:00 P.M. during the summer and 9:30 during the school year and on Sabbath (Saturday) call the following numbers: President, Riverside 9264; Manager, Riverside 9715-W; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267; Student Phone, Angwin, Riverside 9432; Student Phone, Calkins, Riverside 9433.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.



# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the College at least thirty days before the student desires to enter. *Under no circumstances should a student come to the College before he has had formal notice of acceptance by the Admissions committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or on the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the Dean of the College.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies

on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Sixteen units of credit from high school, with a grade average of "C" is the normal basis for admission to freshman standing. More specifically, the student should fulfill the requirements in one of the two following patterns:

1. *By certificate of graduation* from an accredited secondary school, with units of credit distributed as follows:

(a) English, three units.

(b) Mathematics, two units. This must consist of one unit each of Algebra and Geometry.

(c) History, one unit. This must be a unit of either American History or Civics, or a unit made up of the two.

(d) Science, one unit. This must be a unit in one field, and must be a third or fourth year course with laboratory.

(e) Foreign language, two units, in the same language.

(f) An additional unit from the following: a third year of the (e) language, a third year in mathematics, a second year of science, or two units of a second language.

(g) Religion, one unit for each year spent in a Seventh-day Adventist secondary school, to the extent of four units, or, one unit of social studies.

2. *By standard examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. Such examinations should be taken before the student completes his registration.

The same entrance requirements hold for junior college curricula, except as they may vary to meet the entrance requirements of professional schools, or as stated in the curriculum section of this BULLETIN.

Entrance deficiencies should be removed before a regular program of college studies is undertaken. In some instances deficiencies may be removed on the college level, at the rate of six semester credit hours for each unit, except in foreign language, in which case a deficiency of two high school units may be removed by taking an eight-hour beginning college course in a modern foreign language.

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore standing after successfully completing twenty-eight semester hours, to junior standing after successfully completing sixty hours if he has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of his junior year. After completing ninety-two semester hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the Registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the Dean is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* Freshmen students (with less than twenty-eight semester hours of credit) must be at the College for the freshman tests. (See Calendar, page 7.) Otherwise registration may be delayed and unsatisfactory. Other students, regardless of classification, who have never taken college entrance psychological tests or placement examinations are also asked to be present for these tests. Other students are urged to be present for the regular registration days.

Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations:



(1) they must secure permission from the President or Dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or one week of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra for whom aptitude and placement scores are not available, are required to take such tests before registering, on the day designated. The College reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and physical education, except by previous arrangement with the Registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a 1.5 average must be maintained in all classes. The student will be asked to drop classes not kept up to standards. It is not the policy of the College to permit the carrying of more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies during the first two weeks of a regular semester with the consent of the instructor, the personal adviser, and the College Dean. Courses may be dropped during the first four weeks on the same basis. After the first four weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the Dean.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a permit secured from the manager, for which he is authorized to collect a fee of three dollars.

*Scholarship Reports.* Cards showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only by permission from the manager.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the College, without securing permission in advance from the Dean. No such permission can be granted for courses in the upper biennium.

Credits earned in violation of this regulation will not be honored by the College. Credits earned by correspondence after failure in the same course at La Sierra, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the College. Tutoring service is arranged by the staff, with the consent of the Academic Policies Committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the Federal Bureau of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college classes. For further information as to attendance regulations the student is referred to the *Student Handbook*.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or two fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure or Wf) .....	minus 1
E (warning) (No grade higher than "D" in the course for the semester.)	
I (incomplete) (Becomes a failure if not removed within six weeks after the close of the semester.)	
Wp (withdrew passing)	
Wf (withdrew failing)	



# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including baccalaureate degrees. The College confers the degrees of Bachelor of Arts and Bachelor of Science.

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies committee, in which the liberal arts pattern is not consistently followed.

The College also grants certificates to students completing junior college pre-professional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium.

## THE BACCALAUREATE DEGREES

### *The General Requirements:*

A student who receives a Baccalaureate degree must fulfill certain prescribed requirements as to amount, grade, and distribution of work including:

1. The completion of all entrance requirements.
2. The completion of a total of 128 semester credit hours, (140 hours in Theology), of which forty must be in the upper biennium.
3. Honor points equal to the total number of credit hours, that is, a minimum over-all average of "C."
4. The Senior year's work taken in residence.\*

\*The residence requirement for degree candidates may be met by attending for two consecutive semesters with a minimum of twelve credit hours each semester, with at least eight hours in the major field and four hours in the minor field. Of the forty hours required in the upper biennium, twenty-four must be earned at La Sierra during the period of candidacy. No credit will be given for freshman courses taken in the senior year.

5. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. No grade below "C" may be counted on either the major or the minor.

6. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.

7. The candidate has the choice of graduating according to the standards of either his junior or senior year.

8. Completion of the basic requirements for the Bachelor's degree.

#### BACHELOR OF ARTS DEGREE

##### *Basic Requirements:*

Based upon the complete fulfilment of all college entrance requirements as listed on page 27.

1. Religion: fourteen hours, exclusive of Bible Survey, and including four hours in Daniel and the Revelation and four hours in Bible Doctrines. Six hours must be in the upper biennium.

2. Education or Psychology: three hours. Principles of Education, Philosophy of Education or General Psychology.

3. English: fourteen hours including English Composition; may include four hours of Speech.

4. Foreign Language: six hours required of the student who pursues the same language in college in which he has completed two units in the secondary school. Fourteen semester hours required of the student who begins a new language in college.

5. Health: four hours, which may include a maximum of two hours in Physical Fitness or its equivalent. All freshmen and sophomores are required to enroll in Physical Fitness classes.

6. History: a six-hour course in one field. Students electing European Civilization will be required to take three hours in either American History or Economic Development of the United States to satisfy the state requirement in American History.

7. Political Science: two hours in American Constitution. State requirement.

8. Problems of College and Life: one hour, taken in the first freshman semester.

9. Applied or Industrial Arts: six hours.

10. Science and/or Mathematics: eight hours.

11. Fine Arts: four hours. The student may select Music Appreciation, Art Appreciation, Aesthetics, History of Music, and History of Art.

#### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirement, which are not required.

## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1949-50, those without this mark will be offered in 1948-49 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement. The college reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying odd numbers and the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Courses carrying even numbers, and those with odd numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered from 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who have earned a minimum of sixty credit hours and who otherwise qualify for studies in the upper biennium.

The divisions are:

- I. RELIGION AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL STUDIES
- IV. LANGUAGE AND LITERATURE
- V. MUSIC AND ARTS
- VI. APPLIED ARTS
- VII. BUSINESS



# DIVISIONS OF INSTRUCTION

## I

### RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

J. CECIL HAUSSLER

HUGH W. WILLIAMS

WALTER F. SPECHT

THOMAS BLINCOE

*Major Requirements:* 38 hours, with a minimum of 15 hours in the upper biennium. Required courses: Bible Doctrines, Evidences of Christianity, Daniel and Revelation, Epistles, 3 hours, Prophets, 3 hours, History of the Christian Church I, and one of the Spirit of Prophecy courses. A maximum of 6 hours in Applied Theology and 6 hours in History of Religion will be counted toward a major. For MINISTERIAL STUDENTS, see page 69.

*Minor Requirements:* 18 hours, including the basic requirements in religion and one of the Spirit of Prophecy courses. A minimum of 9 hours must be in the upper biennium.

#### RELIGION

##### 2a,b BIBLE SURVEY

A survey course of Bible history touching God's dealings with his people from creation through the age of the Apostles. Not open to students having had Old and New Testament History in the secondary school. This course may not be applied toward a major or minor in religion.

Four Hours

##### 5a,b LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs.

Four Hours

##### 6a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 104a required of all students for graduation.

Two Hours

##### 8b REVELATION

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. This course or 106b required of all students for graduation.

Two Hours



**51ab BIBLE DOCTRINES**

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and his work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151ab required of all students for graduation. Six Hours

**54a EVIDENCES OF CHRISTIANITY**

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical and scientific fields. Two Hours

**56b SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only. Two Hours

**104a DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 6a required of all students for graduation. Two Hours

**106b REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon those prophecies that pertain to the final movements. This course or 8b required of all students for graduation. Three Hours

**109a,b OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First Semester: Prophets of the Eighth century B. C.; Second Semester: Prophets of Judah, the Exile, and the Restoration.)

**112a GIFT OF PROPHECY**

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. Three Hours

**151ab FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51ab required of all students for graduation. Four Hours

**160a,b NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background and theological concepts.

**170a,b PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation and immortality.

**APPLIED THEOLOGY****58b JUNIOR EVANGELISM**

The study and practice of dealing with children in bringing them to Christ. A consideration of methods and principles which are of value to parents, teachers, ministers, Sabbath School workers, and all interested in saving our juniors. Two Hours

**114a PERSONAL EVANGELISM**

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings. This course is designed especially to develop the art of personal service.  
Prerequisite: 51ab. Two Hours

**116b PASTORAL COUNSELING**

Christian Psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. Two Hours

**118b BIBLE INSTRUCTOR EVANGELISM\***

A study of the work of the Bible instructor in connection with evangelism. The methods of the Master Teacher are considered. How to win individuals to Christ and establish them in the faith will be studied, as well as miscellaneous problems in connection with the ministry. Two Hours

**120a HOMILETICS**

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches. This course may be applied on degree requirements. Three Hours

**122b HOMILETICS**

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc. Three Hours

**123ab PUBLIC AND FIELD EVANGELISM**

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.  
Prerequisites: 51ab, 114a, and 120a. Four Hours

**RELIGIOUS HISTORY**

*Minor Requirements:* 18 hours, 9 of which must be upper bennium. (The two hour course in Daniel may be applied.)

**52a DENOMINATIONAL HISTORY\***

This course includes a brief survey of God's true church from Apostolic times with special emphasis on the origin and progress of the Remnant church and its spread into all nations of earth. Open only to students not having had Denominational History in the secondary school. Two Hours

**102a ARCHAEOLOGY\***

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements. Two Hours

**110a THE RENAISSANCE**

(See Social Studies)

Two Hours

**112b THE REFORMATION**

(See Social Studies)

Two Hours

**114a MISSIONS AND MISSION PROBLEMS**

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements. Three Hours

**124b MANUSCRIPTS OF THE BIBLE**

A course showing God's particular care in preserving MSS. and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**126a,b HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on degree requirements. Six Hours

**132b ESCHATOLOGY**

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Prerequisite: 56b or 112a. Three Hours

**BIBLICAL LANGUAGES**

*Minor Requirements:* 26 hours are required for a minor in Biblical languages with 12 hours in the upper biennium. For a minor in Greek, 20 hours are required, with 6 hours in the upper biennium.

**7ab BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John. Eight Hours

**55ab INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament. Six Hours

**129ab GREEK EXEGESIS\***

Reading and exegetical study of the Greek text of several New Testament Epistles: an introduction to the materials and methods of exegesis. Six Hours

**131ab BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis. Six Hours

**138a (or b) HEBREWS AND NON-PAULINE EPISTLES\*\***

An exegetical study of the Greek text of Hebrews, and the epistles of Peter, James and Jude. Two Hours

**140a (or b) ADVANCED HEBREW\*\***

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and Psalms. (As arranged) One-Two Hours

**199 PROJECTS AND TOPICS IN DIVISION I.**

## II

### SCIENCE AND MATHEMATICS

L. E. DOWNS, *Chairman*

J. L. THOMPSON

LOUIS C. PALMER

L. E. CUSHMAN

PAULINE CUSHMAN

MAUDIE BRYAN

JAMES RIGGS

GEORGE ALFKE

J. DEE LANSING

### BIOLOGY

*Major Requirements for Biology:* 30 hours, 18 of which must be in the upper biennium. The following courses are required: General Zoology, General Botany, Embryology, Genetics and Philosophy of Science; also General Inorganic Chemistry and General Physics, or Physical Science Survey.

*Minor Requirements for Biology:* 18 hours, of which 9 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

#### 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the Chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics, with laboratory study and dissection of invertebrate and vertebrate animals representative of the principal groups of the animal kingdom. Three hours each week. Prerequisites: Academy or high school biology, chemistry or physics. Six Hours

#### 2a HUMAN ANATOMY

A course devoted to the study of the structure of the human body; designed to lay the foundation for the study of physiology. Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts and diagrams. Laboratory work, three hours each week. Primarily for preparatory nurses. Four Hours

#### 4b HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. Two Hours

#### 6b MICROBIOLOGY

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeasts, and molds, and their relation to disease. Laboratory work three hours a week which includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds. Designed primarily for preparatory nurses. Four Hours



**12b BIOLOGICAL SCIENCE SURVEY**

A general survey of the field of biological science with emphasis on fundamental biological principles, nature study, and health.

Three Hours

**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

Laboratory and field work to illustrate the material covered in 12b.

One Hour

**51ab GENERAL BOTANY**

An introduction to the basic morphology and physiology of plants. A survey of the plant kingdom and study of representative plants. Laboratory work three hours each week including the microscopic study of plants and plant structures as studied in class. Study of living specimens, and collection and classification of flowering plants.

Six Hours

**53a MAMMALIAN ANATOMY**

Study and class discussion on the anatomy of a typical mammal. Dissection of the cat in laboratory. Three hours each week. Prerequisite: lab or equivalent.

Two Hours

**100b LOCAL FLORA\*\***

Primarily a laboratory course in which principles of plant taxonomy are applied to local flowering plants.

Two Hours

**102b EMBRYOLOGY**

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory work three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**107ab ADVANCED PHYSIOLOGY**

A more detailed and advanced study of the human body than is offered in 4b.

Four Hours

**110a PLANT ECOLOGY\*\***

Study of the factors influencing distribution of plants and their inter-relationships.

Prerequisite: 51ab, or equivalent.

Two Hours

**112b ANIMAL ECOLOGY\*\***

The study of animals in relationship to their environment and factors influencing their distribution.

Prerequisites: lab or its equivalent and 110a.

Two Hours

**116a COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates, with laboratory work six hours each week.

Prerequisite: lab or equivalent.

Four Hours

**118a GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.

Prerequisite: lab or equivalent.

Three Hours

**120b PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species.

Three Hours

**170b FIELD ECOLOGY\*\***

A field study of the major ecological formations of Southern California. Given during the summer.

Prerequisites: lab, 12b, or 51ab.

Three Hours

**181a,b BIOLOGY SEMINAR**

Meets once each week for reports on current biological literature and on other topics as may be assigned. Open to junior and senior biology majors and minors.

Two Hours

**199 SPECIAL PROBLEMS**

Open to upper division biology majors who wish to study some special topic or do some original research as arranged with the head of the department.

One - Two Hours



## CHEMISTRY

*Major Requirements for Chemistry:* 30 semester hours with a minimum of 18 hours in the upper biennium including General Inorganic Chemistry, Quantitative Analysis, Organic Chemistry, and Physical Chemistry.

*Minor Requirements for Chemistry:* 18 hours with at least 9 hours in the upper biennium including General Inorganic Chemistry and Organic Chemistry.

## 1ab GENERAL CHEMISTRY

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A brief survey of qualitative analysis included in second semester's work. Laboratory: One three-hour period per week. Prerequisite: Academy or high school chemistry or physics. Eight Hours

## 3ab CHEMISTRY FOR NURSES

Designed for the student in preparatory nursing. First semester's work: inorganic chemistry; second semester's work: organic chemistry and chemistry of life processes. Special attention given to fields of nursing and medicine. Laboratory: One three-hour period per week. Prerequisite: Academy or high school chemistry or physics. Six Hours

## 50a (or b) QUANTITATIVE ANALYSIS

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Laboratory: Two three-hour periods per week.

Prerequisites: 1ab and at least three hours of college mathematics. Four Hours

## 115ab ORGANIC CHEMISTRY

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions. Laboratory: One three-hour period per week.

Prerequisite: 1ab.

Six Hours

## 120a QUALITATIVE ANALYSIS

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a.

Three Hours

## 130b QUANTITATIVE ANALYSIS

Similar to 50a but more advanced in scope. Special as well as general analytical methods employed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a.

Three Hours

## 134b BIOCHEMISTRY

A survey of the chemistry of the physiological processes of the human body. Laboratory: One three-hour period per week.

Prerequisite: 115ab.

Four Hours

## 155ab PHYSICAL CHEMISTRY

A survey of the fundamental physico-chemical concepts and laws. Laboratory: One three-hour period per week.

Prerequisite: 50a, Physics 51ab, Mathematics 76a.

Six Hours

## 160b CHEMICAL LITERATURE

A supervised approach to the literature of chemistry.

One Hour

## 199 PROJECTS AND TOPICS

Open to senior chemistry majors who wish to study a problem of suitably limited scope under supervision. One-Two Hours

## PHYSICS

*Major Requirements for Physics:* 30 semester hours, with a minimum of 15 hours in the upper biennium, including Modern Physics I and II, Colloquium, and Projects (199).

*Minor Requirements for Physics:* 18 semester hours, with at least 9 hours in the upper biennium, including Modern Physics I and II.

## 14a PHYSICAL SCIENCE SURVEY

An introduction to the fundamentals of astronomy, physics, and chemistry and their applications in daily life. Three Hours

## 14aL PHYSICAL SCIENCE SURVEY LABORATORY

Laboratory to accompany 14a. One Hour

## 15ab RADIO

An elementary study of radio circuits and the application of vacuum tubes to such circuits. May be used for science or applied arts credit, but may not be applied toward a physics major or minor. Includes class and laboratory. Four Hours

## 17ab AERONAUTICS I

An elementary study of meteorology, air navigation, maintenance of aircraft, radio and civil air regulations, designed to meet the requirements of the Civil Aeronautics Authority for basic ground school curriculum. May not be used for science major or minor credit. Three Hours

## 51ab GENERAL PHYSICS

Mechanics, heat, sound, electricity and light, modern physics. Prerequisites: Intermediate Algebra, Trigonometry, and high school chemistry or physics. Three hours class and one hour laboratory each semester. Eight Hours

## 100a,b MODERN PHYSICS I AND II

A study of sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second. Six Hours

## 106b HEAT AND THERMODYNAMICS\*\*

Heat transmission, kinetic theory, change of state, specific heats, elementary thermodynamics. Three hours class and one hour laboratory. Four Hours

## 110a,b ELECTRONICS I AND II

A study of electron tubes and their associated circuits, with applications. Two hours class and one hour laboratory each semester. The first semester is a prerequisite to the second. Prerequisites: 51ab and calculus. Six Hours

## 158b ELECTRICITY AND MAGNETISM\*\*

Electric and magnetic fields, circuits having resistance, capacitance and inductance. Three hours class and one hour laboratory. Prerequisites: 51ab and calculus. Four Hours

## 164a SOUND\*\*

Wave motion in material media, physics of music, acoustics, sound reproduction. Prerequisites: 51ab and calculus. Three Hours

## 168a LIGHT\*\*

Wave motion, diffraction and interference, polarization, refraction and reflection. Three hours class and one hour laboratory. Prerequisites: 51ab and calculus. Four Hours

- 178a (or b) **ADVANCED PHYSICAL MEASUREMENTS**  
 Formal laboratory work in upper division physics.  
 Prerequisite: An upper division course in the same subject and consent of the head of the department. May be repeated for credit. One Hour
- 188a (or b) **COLLOQUIUM**  
 Student reports and discussion of current research and physics applications. Limited to upper division majors and minors. May be repeated for credit. One Hour
- 199 **PROJECTS AND TOPICS IN PHYSICS**  
 Experimental and library study of a specific problem under the direction of a staff member. Limited to upper division majors and minors. One-Two Hours

## MATHEMATICS

*Minor Requirements:* 9 hours of upper division mathematics including Differential and Integral Calculus and enough other courses to give a total of 18 hours.

### 2a INTERMEDIATE ALGEBRA

Three Hours

### 4b PLANE TRIGONOMETRY

Functions, logarithms, identities, equations, inverse functions, solution of triangles.

Three Hours

### 50a ADVANCED ALGEBRA\*\*

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations.

Prerequisite: 2a, or equivalent.

Three Hours

### 52b PLANE ANALYTIC GEOMETRY

Coordinate systems; loci; conic sections; transformation of coordinates; transcendental curves; parametric equations.

Prerequisites: 2a, 4b.

Three Hours

### 76b MATHEMATICAL PREPARATION FOR PHYSICAL CHEMISTRY

Index notation; logarithms, graphs of equations; differentiation and integration; graphical methods. (Not counted toward Mathematics major or minor.)

Prerequisites: 2a, 4b.

Three Hours

### 100a ADVANCED TRIGONOMETRY\*\*

Additional work in plane trigonometry; the solution of spherical triangles.

Prerequisites, 2a, 4b.

Two Hours

### 102b SOLID ANALYTIC GEOMETRY\*\*

A brief review of plane analytic geometry; lines, planes, and solids in space.

Prerequisite: 52b.

Two Hours

### 104a THEORY OF EQUATIONS\*\*

Elementary theory of algebraic equations; determinants.

Prerequisite: 50a.

Two Hours

### 108ab CALCULUS

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics.

Prerequisite: 52b

Six Hours

**112a DIFFERENTIAL EQUATIONS**

Methods of solution of ordinary differential equations.  
Prerequisite: 108ab.

Three Hours

**170b ANALYTIC MECHANICS\*\***

An introduction to the methods of mathematical physics: statics, kinematics and dynamics of particles and rigid bodies: vectors.  
Prerequisites: Physics 51ab and calculus.

Three Hours

**PHYSICAL EDUCATION****7ab (1st Year) PHYSICAL EDUCATION**

One-Half Hour

**9ab (2nd Year) PHYSICAL EDUCATION**

One-Half Hour

**17ab SWIMMING**

Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving.

One Hour

**20a (or b) APPARATUS**

Will include work on the horizontal bar, parallel bars, rings, horse, and flying rings.

One Hour

**60b WATER SAFETY**

The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool.  
Prerequisite: 17ab or equivalent ability.

One Hour

**64a (or b) INDIVIDUAL ACTIVITIES**

Designed to promote interest and skill in recreational activities that will carry over and be useful in later life.

One Hour

**101a,b RECREATIONAL LEADERSHIP**

A course in the organization and direction of recreation based on Christian principles, including the teaching of games, story telling and song leading.

Four Hours

**HEALTH AND NURSING****2a HISTORY OF NURSING**

A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems.

Three Hours

**6a FIRST AID**

This class covers the material in the Red Cross Standard First Aid Course, bandaging and some of the medical aspects of modern chemical warfare. Designed to meet the requirements for first aid and bandaging for the Medical Cadet Corps. Open to all students.

Two Hours

**10a HOME HYGIENE**

A course in simple nursing procedures, first aid and disease prevention applied to actual home conditions. Demonstration and practice will be given in a one-hour laboratory.

Two Hours



**50b HEALTH PRINCIPLES**

A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. Two Hours

**52a HEALTH EDUCATION**

A study of principles as related to the physical and mental growth of the child. Dealing particularly with the health problems in the elementary grades. Two Hours

**105a INTRODUCTION TO NURSING EDUCATION**

A survey of the growth and development of nursing education from the past to the present time. Two Hours

**148a WARD MANAGEMENT**

A survey of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management. Two Hours

**150b SUPERVISION IN NURSING**

A study of the fundamentals and principles of supervision in the hospital or sanitarium unit, including discussion of some of the more common problems of supervision. Two Hours

**154a CURRICULUM CONSTRUCTION**

A study of the principles used in curriculum construction and revision in a school of nursing. Two Hours

**155ab CURRENT TRENDS IN NURSING**

A survey of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses. Two Hours

**156a COMPARATIVE NURSING PRACTICE**

Comparative study and evaluation of current nursing procedures. Two Hours

**158b TEACHING IN SCHOOLS OF NURSING**

A study of the basic principles and methods of teaching as applied to nursing. Two Hours

**160b ORGANIZATION AND ADMINISTRATION OF SCHOOLS OF NURSING**

A course which is designed to give the student some knowledge of the fundamental principles of organization and administration of a school of nursing. Content of the course includes study of aims, policies, and budget of the school of nursing, selection of faculty and students, administration of the educational and health programs, and essential records. Two Hours



### III

## SOCIAL STUDIES

W. J. AIREY, *Chairman*

MAYBEL JENSEN

G. T. SIMPSON†

C. D. STRIPLIN

DORIS CARLSEN

### HISTORY

*Major Requirements:* 30 hours, of which a minimum of 15 hours must be in the upper biennium. Required courses: European Civilization, American History to 1860 and Since 1860. American Constitution may not be counted on the major or the minor.

*Minor Requirements:* 18 hours, with a minimum of 9 hours in the upper biennium.

#### 41a,b EUROPEAN CIVILIZATION

A history of European culture from the beginning of the Christian Era to the War of 1914-1918. Six Hours

#### 90a,b AMERICAN HISTORY

The social, economic, and political development of the United States from the period of colonization to the present.  
(Upper division credit by arrangement, 190a,b) Six Hours

#### 104a THE ANCIENT WORLD

The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history. Two Hours

#### 106b THE ROMAN WORLD

The Republic and Empire to the Fall of Rome. Two Hours

#### 107a,b BRITISH CIVILIZATION\*

England and the Empire to the present. Six Hours

#### 110a THE RENAISSANCE\*

An intensive study of the economic, literary and artistic developments of the period. Two Hours

#### 112b THE REFORMATION\*

The revolt against Rome and medievalism, and the rise of the Protestant Church. Two Hours

#### 114a FRENCH REVOLUTION AND NAPOLEON

The social and political forces of the era of revolution to 1815. Three Hours

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(†On leave, 1948-1949.)

- 116b EUROPE, 1815-1870  
Europe from 1815 to 1870. Three Hours
- 118a EUROPE, 1870-1914  
The political, economic, and cultural changes in Europe 1870 to 1914. Two Hours
- 120b EUROPE SINCE 1914  
From war to war in Europe. Two Hours
- 122a ECONOMIC DEVELOPMENT OF THE UNITED STATES  
The economic history of the United States from colonial times to the present. Three Hours
- 123a,b THE AMERICAN WEST  
The exploration and settlement of the American west. Statehood and progress in the western United States. Four Hours
- 130a CIVIL WAR\*  
The causes for and campaigns of the Civil War. Two Hours
- 132b RECONSTRUCTION\*  
The political and economic problems of the reconstruction of the south. Two Hours

## POLITICAL SCIENCE

- 56a AMERICAN NATIONAL GOVERNMENT\*  
Typical political institutions of the American national government and its branches. Two Hours
- 58a (or b) THE AMERICAN CONSTITUTION  
The origin and development of the fundamental law. A student should take History 50a or History 90a before taking Constitution. Two Hours
- 126a COMPARATIVE GOVERNMENT\*  
An analysis of contemporary political forms. Two hours

## GEOGRAPHY

- 2b PRINCIPLES OF GEOGRAPHY  
The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship. Two Hours

## ORIENTATION

- 2a PROBLEMS OF COLLEGE AND LIFE  
Educational and vocational planning, study methods, analysis of interests and aptitudes, social problems. Required of first year college students. One Hour
- 4b FAMILY LIVING  
Courtship and Marriage in relation to Christian living. One Hour

## SOCIOLOGY

- 62b FUNDAMENTALS OF SOCIOLOGY  
An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems. (Upper division credit by arrangement, 162b) Three Hours

## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the Department of Education of the General Conference, for teacher certification. This includes a minimum of 15 hours in professional education. Three hours of directed teaching is required, either in the major or minor field.

### 6a GENERAL PSYCHOLOGY

(See Elementary Education Section.)

### 10b PRINCIPLES OF EDUCATION

(See Elementary Education Section.)

### 24a EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. (or 124a).  
Prerequisite: 6a. Three Hours

### 100a PSYCHOLOGY OF ADOLESCENCE

The course will deal with the most significant problems in child and adolescent development, with special emphasis upon the psychological principles that govern their behavior. Two Hours

### 102b AUDIO-VISUAL AIDS IN INSTRUCTION

A course designed to acquaint the student with the various audio-visual aids as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment. Two Hours

### 110b PHILOSOPHY AND HISTORY OF EDUCATION

An advanced course stressing the principles of Christian education as outlined in *Counsels to Teachers, Fundamentals of Christian Education and Education*.  
(Not open to students taking 10b.) Three Hours

### 150a PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and means for measuring their outcomes.  
Prerequisite: 6a or 24a. Two Hours

### 152b PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization and aims in the educational, vocational and general guidance of students on the elementary and secondary level.  
Prerequisites: 24a or 100a. Two Hours

### 154a TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation and interpretation of standard tests, as they pertain to the elementary and secondary grades.  
Prerequisite: 6a or 24a. Two Hours

### 160a SCHOOL HOMES ADMINISTRATION

A course dealing with the objectives, problems, organization and administration of the school home. Emphasis placed upon the fostering of spiritual and cultural ideals and leadership in the light of recent developments in the field of personnel work. Two Hours

**182a SPECIAL METHODS IN SECONDARY TEACHING**

This course is required of all seniors who plan to take 184b. The purpose of the course is to develop a sound and practical understanding of the teaching experience and to assist the student in acquiring and evaluating effective general teaching procedures.

Prerequisite: 10 hours Education including either Special Techniques in the subject matter teaching field or recommendation by that department.  
Two Hours

**184b OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL**

The student teacher observes, participates in class activities, makes lesson plans and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the College department of Secondary Education.

Prerequisite: 182a.  
Three Hours

**ELEMENTARY TEACHER EDUCATION**

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Each candidate for a degree must also complete 18 hours in each of two related fields, one half of which in each field must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree with the exception of the language requirement plus the additional courses to meet the special requirement of this degree.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

*Specific Requirements:*

Education Courses:	Hours
Principles of Education.....	3
Technique of Teaching and Management.....	2
Procedures of Teaching.....	6
Directed Teaching.....	8
Tests and Measurements.....	2
Philosophy and History of Education.....	3
Principles of Guidance.....	2
Audio-visual Aids in Instruction.....	2
Psychology:	
General Psychology.....	3
Educational Psychology.....	3
Psychology of Adolescence.....	2

**6a GENERAL PSYCHOLOGY**

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major.)  
Three Hours

**10b PRINCIPLES OF EDUCATION**

Stresses thoroughly the principles of education as outlined in the books, *Education*, *Fundamentals of Christian Education*, and *Counsels to Teachers*.  
Three Hours



16a MUSIC EDUCATION  
(See Music Section)

24a EDUCATIONAL PSYCHOLOGY  
(See Secondary Education Section)

51ab TEACHING I  
Observations, readings, and discussions of some of the various aspects of classroom situations which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching. Two Hours

52a TEACHING TECHNIQUE AND MANAGEMENT  
A course designed to give the prospective teacher a practical knowledge of the philosophy, principles, and procedures involved in the teaching process, with special emphasis on the problems of management and organization related to classroom teaching. Three Hours

56b ARITHMETIC IN ELEMENTARY EDUCATION  
A course for teachers of arithmetic in the first eight grades. Attention is given to drill, speed, and accuracy in the useful aspects of the work. The course carries a subject-matter grade of B requirement. Two Hours

100a PSYCHOLOGY OF ADOLESCENCE  
(See Secondary Education Section.)

102b AUDIO-VISUAL AIDS IN INSTRUCTION  
(See Secondary Education Section)

110b PHILOSOPHY AND HISTORY OF EDUCATION  
(See Secondary Education Section.)

151ab TEACHING II  
A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor and a directing teacher.  
Prerequisite: Satisfactory achievement in the standard school subjects. No grade below a C is acceptable for credit in directed teaching. A C average in all college work is required for admittance and continuance of directed teaching. Three Hours

152b PRINCIPLES OF GUIDANCE  
(See Secondary Education Section.)

154a TESTS AND MEASUREMENTS  
(See Secondary Education Section.)

155ab PROCEDURES OF TEACHING IN THE ELEMENTARY SCHOOL  
A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, language, arts and social studies. Four Hours

181ab TEACHING III†  
A study will be made of the entire elementary school program, selection, organization and evaluation of curricular material, and teaching procedures, including comprehensive teaching as part of the laboratory work. Two Hours

199 PROJECTS IN DIVISION III. One-Two Hours

†At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.



## IV

### LANGUAGE AND LITERATURE

MABEL CURTIS ROMANT, *Chairman*

MARGARETE AMBST†

HOPE H. HAYTON

WALTER T. CRANDALL

LILLIAN BEATTY

WALTER B. CRAWFORD

ANNA JOHNSTON

#### ENGLISH

*Major Requirements:* 30 hours in addition to English Composition with a minimum of 15 hours in the upper biennium. Major requirements include English Literature to 1800 and Since 1800, American Literature to 1830 and Since 1830, and a writing course above the freshman level. From the Division of Social Studies, European History is recommended.

*Minor Requirements:* 18 hours in addition to English Composition, with a minimum of 9 hours in the upper biennium. Minor requirements must include English Literature to 1800 and Since 1800, American Literature to 1830 and Since 1830.

#### ENGLISH LITERATURE

50a ENGLISH LITERATURE TO 1800

A chronological study of English literature to 1800 with emphasis on major writers and movements. Three Hours

52b ENGLISH LITERATURE SINCE 1800

An examination of the outstanding authors and works of the Romantic, Victorian, and Modern periods. Three Hours

100a AMERICAN LITERATURE TO 1830

The early writers in American literature. Two Hours

102b AMERICAN LITERATURE SINCE 1830

The romantic and modern writers with special emphasis on literary backgrounds. Two Hours

104b ELIZABETHAN LITERATURE

A study of the literary masterpieces of the Elizabethan period. Three Hours

106a THE ROMANTIC PERIOD\*

A study of the works and literary ideals of Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats. Three Hours

110a MASTERS OF AMERICAN LITERATURE I

An intensive study of the life and works of Irving, Hawthorne, Emerson, and Thoreau. Two Hours

112b MASTERS OF AMERICAN LITERATURE II

The life and works of Mark Twain, Holmes, Lowell, and Melville. Two Hours

†On leave, 1948-1949.

- 116b MILTON AND THE SEVENTEENTH CENTURY  
The life and works of John Milton; other writers of the century.  
Three Hours
- 118a TENNYSON AND HIS AGE  
A careful study of the age and works of Tennyson.  
Two Hours
- 120b BROWNING  
The background and works of Robert Browning.  
Two Hours
- 152a CONTEMPORARY AMERICAN LITERATURE  
The works of contemporary American authors.  
Two Hours
- 154b CONTEMPORARY ENGLISH LITERATURE  
The works of contemporary English authors.  
Two Hours
- 158a BIBLICAL LITERATURE  
A study of the literature of the Christian Bible.  
Three Hours

### WRITING

All Lower Division students entering La Sierra College for the first time, and all other students who do not have credit in English composition from some other college, are required to take an examination in English known as the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students failing to pass the English Placement Test will be required to enroll in course AB Elementary Composition, and continue taking the class until able to pass a satisfactory examination on the subject.

#### AB ELEMENTARY COMPOSITION

Designed to perfect the student's knowledge of spelling, grammar, punctuation, and sentence structure. A four-hour course required of all first year students who do not pass the English Placement Test. The student will also enroll in 1ab Composition with the same teacher.  
Fee: \$20.00 each semester. No Credit

#### XY ENGLISH FOR FOREIGN STUDENTS

A four-hour course for the non-English-speaking student whose knowledge of the English language is inadequate for participation in the regular composition courses. A study in vocabulary, idiom, and structure of the English language, together with ear-training. Fee: \$20.00 per semester. No Credit

#### 1ab ENGLISH COMPOSITION

The fundamentals of composition and current standard English.

Six Hours

#### 51ab NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper mechanics.

Prerequisite: 1ab.

Four Hours

#### 122a MAGAZINE ARTICLE WRITING

A study of the magazine article and the requirements for publication, offering practical experience in writing articles suitable for publication.

Two Hours

- 124b **FEATURE WRITING**  
A practical study of the various types of magazine feature articles providing experience in writing selected types of features. Two Hours
- 126b **CREATIVE WRITING**  
A study of the various types of writing, with emphasis on vigor, beauty, and personality in style. Two Hours
- 128a **THE FAMILIAR ESSAY**  
A study of the essay, its mechanics, its writing, and the works of famous essayists, offering opportunity to write the various types of essays. Two Hours
- 130b **CURRENT ENGLISH**  
A study of current usage in grammar, vocabulary, and pronunciation. Designed for students who wish to perfect their everyday speech. Three Hours

## SPEECH

*Major Requirements:* 30 hours of which 18 hours must be in the upper biennium. The required courses will be determined in conference with the major professor of speech. Homiletics is recommended within the major. English Literature to 1800, English Literature Since 1800, are required as supporting courses. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* In addition to Fundamentals of Speech, 18 hours of which 9 hours must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Brush Soundmirror. The speech room is suggestive of a small auditorium with platform equipment.

- 3ab **FUNDAMENTALS OF SPEECH**  
The principles of correct speech are studied, and special attention is given to tone drills, articulation, and proper poise and use of the body. Four Hours

- 4a **PUBLIC PROCEDURE**  
A study of the principles and practices of parliamentary law and usage. Students are taught to conduct business meetings with ease. Two Hours

- 5b **VOICE AND DICTION**  
A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue. Two Hours

- 60a **ORAL READING**  
A study of the underlying principles of smooth, effective reading from the printed page and from memory. Three Hours

- 71ab **SPEECH CHOIR**  
Interpretation through choral reading develops greater appreciation of poetry and of many Biblical passages. It trains the individual in accurate, distinct speaking habits. The student may earn upper division credit by doing extra work as arranged. Two Hours

**130a ORAL INTERPRETATION**

Principles and practice in the interpretation of the best in literature, with suggestions as to the correct manner of public presentation in a unified and spontaneous response of body and voice. Three Hours

**132b ORAL INTERPRETATION OF THE BIBLE**

A study of the principles of effective oral Bible reading with practice in platform and group presentation. Three Hours

**134a,b RADIO SPEAKING**

Both the theory and practice of radio broadcasting are studied. Special emphasis is placed upon radio diction and voice control. A public address system and recording machine make the work of this class practical.

Prerequisite: 3ab, 6b, or 9lab.

Four Hours

**138a THE SHORT SPEECH**

The organization and delivery of short speeches for various occasions. Three Hours

**140b PERSUASIVE SPEAKING**

A study of the art of persuasion and its influence upon behavior. Various forms of discussion, such as the panel and the open forum, are studied and used. Three Hours

**142b SEMINAR IN SPEECH PROBLEMS**

Methods and aims of speech teaching in secondary schools and in junior colleges. Two Hours

**146a,b ADVANCED PUBLIC ADDRESS\***

Composition and delivery of public addresses. Effective extemporaneous speaking and techniques for influencing behavior through speech. Four Hours

**PRIVATE LESSONS IN SPEECH**

Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. This course is beneficial to both singer and speaker. One lesson a week as arranged (time by appointment). One Hour

**LIBRARY SCIENCE****59ab LIBRARY SCIENCE**

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student. Four Hours

**MODERN LANGUAGES**

All freshmen and new students planning to enter a language course above the beginning year will be given a placement test to determine their classification.

Before enrolling in a course numbered 100 or above a student must have completed 12-14 hours or the equivalent of one language course.

*Major Requirements:* (French only) Thirty hours above Beginning French or the equivalent with twenty semester hours of upper baccalaureate courses. The latter courses must include 124a, 144a, 145 ab, and 140a. English 50a, 52b and Social Science 41ab are recommended as collateral courses.



*Minor Requirements:* Eighteen hours above the beginning course or its equivalent with at least 9 semester hours in the upper biennium. Education 182a and 184b are recommended for students planning to teach a language.

## FRENCH

## 5ab BEGINNING FRENCH

An introductory study of grammar, pronunciation, reading, composition, and oral practice. One-half to one hour of laboratory practice may be required depending on the individual needs. Eight Hours

## 53ab INTERMEDIATE FRENCH

A continuation of 5ab. A grammar review with readings from standard French authors.

Prerequisite: 5ab, or equivalent.

Six Hours

## 55a,b FRENCH COMPOSITION AND CONVERSATION

For students who desire to gain proficiency in speaking and writing. May be taken concurrently with 53ab.

Prerequisite: 5ab, or equivalent.

Four Hours

## 101a,b FRENCH CONVERSATION

Intensive practice in speaking French.

Four Hours

## 110a ORAL RAPID READING

A course designed to give practice in reading.

Two Hours

## 112b READING OF FRENCH AUTHORS

Recommended for those planning to study French Literature.

Two Hours

## 124a FRENCH LITERATURE TO THE 19TH CENTURY

The main current of French Literature from the Chanson de Roland to the Romantic period.

Three Hours

## 126b FRENCH LITERATURE OF THE CLASSIC PERIOD

A study of the historical background, the authors, and their works in the classic era of French Literature.

Three Hours

## 140a THE ROMANTIC MOVEMENT\*

A study of the Romantic Movement in France including such authors as Chateaubriand, Lamartine, Hugo, and others.

Two Hours

## 142b MODERN FRENCH WRITERS\*

The beginnings of realism to contemporary authors.

Two Hours

## 144a FRENCH PRONUNCIATION

A thorough study of the fundamental principles of French pronunciation.

Two Hours

## 145ab GRAMMAR AND COMPOSITION

Required of all majors, recommended for minors.

Four Hours

## 146b FRENCH CIVILIZATION\*

A study of the customs and culture of France and their contribution to world culture.

Two Hours

## SPANISH

## 61ab INTERMEDIATE SPANISH

A review of grammar with readings from Spanish and Spanish-American authors.

Prerequisite: Beginning College Spanish or the equivalent.

Six Hours



## 63ab ELEMENTARY COMPOSITION AND CONVERSATION

Designed for the Spanish student wishing proficiency in speaking and writing Spanish. May be taken concurrently with 61ab. Four Hours

## 130a COMPOSITION AND CONVERSATION

Recommended for teaching minors.

Two Hours

## 132b GRAMMAR AND COMPOSITION

Recommended for teaching minors.

Two Hours

## 150a SPANISH CIVILIZATION

A study of the culture of Spain and its influence on the cultures of the world. Two Hours

## 154a SPANISH LITERATURE TO THE 19TH CENTURY

A study of the main currents in Spanish Literature from the Middle Ages to the 18th Century with the stress on El Siglo de Oro. Two Hours

## 156b SPANISH LITERATURE OF THE 19TH CENTURY

A study of the important authors and their works during the 19th century. Two Hours

## 158a SPANISH AMERICAN LITERATURE\*

A study of the trends in Spanish Literature up to the contemporary authors. Two Hours

## GERMAN

## 7ab BEGINNING GERMAN

An introductory study of grammar, pronunciation, reading, composition, and oral practice. Eight Hours

## 59ab INTERMEDIATE GERMAN

A continuation of 7ab.

Prerequisite: 7ab or equivalent.

Six Hours

## 60a SCIENTIFIC GERMAN

Readings in scientific German especially arranged for students interested in the sciences. 59ab recommended as prerequisite. Two Hours

## 60b READING OF GERMAN AUTHORS

Recommended for students wishing to study German Literature. May be taken concurrently with 59b. Two Hours

## 104a GERMAN CONVERSATION

Intensive practice in German pronunciation and every-day conversation. Two Hours

## 108b ADVANCED PROSE COMPOSITION

A brief grammar review with a great deal of practice in writing.

Two Hours

## 120a SURVEY OF GERMAN LITERATURE

A study of the main movements and authors from the beginnings of German Literature and their works. Three Hours

## 121ab GERMAN CLASSICISM\*

A study of the important authors of the classical period in German Literature and their works. Four Hours

## 124b THE ROMANTIC MOVEMENT\*

A study of the works and authors of the romantic period. Two Hours

## TEACHING OF MODERN LANGUAGE

For description of these courses, turn to Education 182a, 184b.

## V

### MUSIC AND ART

H. B. HANNUM, *Chairman*

CHLOE ADAMS SOFSKY

JOHN T. HAMILTON

ALFRED WALTERS

EDNA FARNSWORTH

CLARENCE O. TRUBEY

ELIZABETH SAUNDERS

ELLEN SHORT

GERALDINE S. GODDARD

ELLEN KURTZ JACOBSON

### MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History and Literature, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History and Literature, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History and Literature, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Church Music, 4 hours; Voice, Choral Organizations and Conducting, 8 hours.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a baccalaureate degree.

### APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

(1) A minimum of 15 lessons per semester, with five hours of practice a week, for one hour of credit; (2) A satisfactory semester examination must be passed; (3) Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The granting of college credit in applied music presupposes the fulfillment of prerequisites as follows:

*Piano:* The student should be able to play all the major and minor scales correctly and in moderate tempo. He should be able to perform some of the Bach Little Preludes, Two-part Inventions, the easier sonatas of Mozart and Haydn, and compositions of about the fourth grade of difficulty.

*Organ:* The same as Piano.

*Voice:* The student should be able to read a simple song at sight, and should have a knowledge of the rudiments of music. Some knowledge of the piano is highly desirable.

*Violin:* The student should be able to play from memory the following scales and arpeggios, compass two octaves, in moderate tempo: the major and melodic minor scales from G to D, detached bowing, one note to a bow, slurred bowing, four notes to a bow; the major and minor arpeggios from G to D, detached bowing, one note to a bow, slurred bowing, three notes to a bow. He should have mastered all or most of the following studies, or others of like standard: Sevcik, *Op. 6*, Parts 1-6; Wohlfahrt, *Op. 45*, Book I; *Op. 74*, Book I; Kayser, *Op. 20*, Book I; Dont, *Op. 38*.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b ELEMENTARY PIANO

This is an introductory course in piano to train students in hymn playing and sacred music. Credit does not apply on a music major.

Two Hours

21a,b APPLIED MUSIC (First Year)

Credit to be arranged

55a,b APPLIED MUSIC (Second Year)

Credit to be arranged

117a,b APPLIED MUSIC (Third Year)

Credit to be arranged

119a,b APPLIED MUSIC (Fourth Year)

Credit to be arranged

120a REPERTOIRE CLASS

One Hour

170a (or b) SENIOR RECITAL

The presentation of a creditable public recital of one hour in length.

Two Hours

## THEORY

### 1a ELEMENTS OF MUSIC†

The study of the rudiments of music, dictation, sight-singing and ear-training. Primarily for students without any previous music training.

Two Hours

†May not be counted toward the major or minor requirement in music.

**4ab THEORY I**

A thorough study of the fundamentals of musicianship — chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony.

Six Hours

**53a,b THEORY II**

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing.

Prerequisite: 4ab

Six Hours

**100a MUSIC FORM**

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms.

Prerequisites: 4ab, 53a,b.

Two Hours

**102b ANALYTIC HARMONY**

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages.

Prerequisites: 4ab, 53a,b.

Two Hours

**104a MODAL COUNTERPOINT**

A study of the principles of the 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style.

Prerequisites: 4ab, 53a,b.

Two Hours

**106b TONAL COUNTERPOINT**

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions.

Prerequisites: 4ab, 53a,b.

Two Hours

**107a,b MUSIC COMPOSITION**

Practice in writing original compositions in the smaller forms.

Prerequisites: 4ab, 53a,b.

Four Hours

**108a ORCHESTRATION**

A study of the instruments of the orchestra; arranging music for the orchestra.

Prerequisites: 4ab, 53a,b.

Two Hours

## MUSIC HISTORY AND LITERATURE

**63a,b MUSIC APPRECIATION**

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

**109a,b HISTORY OF MUSIC**

A chronological study of the various periods in the development of music from the earliest times to the present.

Four Hours

**110a CHURCH MUSIC**

A survey of the various types of church music, including a study of hymn-tunes, their background and history and their use in the services of the church.

Two Hours

**112b HYMNOLOGY**

A study of the hymns and hymn-writers of the church, and the effective use of hymns in worship.

Two Hours



**6b ELEMENTARY CONDUCTING**

Fundamental rules and practice in conducting congregational singing.  
Two Hours

**8a MUSIC SEMINAR†**

A workshop, usually given during the summer for teachers or church workers. The materials covered will be chosen from the fields of sight-singing and theory, church music, evangelistic music, and school music. Coaching in applied music will be available.  
One Hour

**16a TEACHING MUSIC IN THE ELEMENTARY SCHOOL†**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations.  
Two Hours

**121ab ADVANCED CHORAL CONDUCTING**

A review of the principles of conducting. Study is given to the organization and function of the church choir. Emphasis is given to choral technique and interpretation and choral repertoire. The practical use of music in the church and in evangelism is studied and much representative music is reviewed by the class. The individual members of the class will have opportunity to conduct the college choir in rehearsal. Prerequisite: 6b.  
Four Hours

**160a (and b) AESTHETICS**

A basic course in the principles of beauty which are fundamental to an understanding of all the arts.  
Two Hours

**182a TEACHING MUSIC IN THE SECONDARY SCHOOL**

A study of the materials and methods of teaching music in secondary schools.  
Two Hours

**190a MUSIC MATERIALS AND TECHNIQUES†**

A survey of the best materials and methods of teaching applied music, piano, voice, or violin.  
Two Hours

**199 ADVANCED MUSIC PROJECTS**

One-Two Hours

**ORGANIZATIONS****9a,b THE COLLEGE CHOIR**

A highly selective ensemble of seventy-five members, balanced for four and eight part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director.  
Two Hours

**11a,b ORCHESTRA**

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year.  
Two Hours

**15a,b BAND**

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year.  
Two Hours

†May not be counted toward the major or minor requirement in music.



**17a,b GLEE CLUBS**

Original and arranged compositions, both sacred and secular, will be studied and performed in concert. Each organization will endeavor to present a major choral work each year in addition to regular concert repertoire. Two Hours

**18a (or b) ORATORIO CHORUS**

A mixed chorus open to all students wishing to study such oratorios as the *Messiah*, *Elijah*, *Creation*, and *Redemption*. One Hour

**31a,b ENSEMBLE MUSIC**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. (Upper division credit by arrangement, 131a,b). Credit to be arranged

**VISUAL ARTS**

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Art Appreciation, 4 hours; Drawing and Painting, 10 hours; electives, 4 hours.

**DRAWING AND PAINTING****50b LETTERING**

Lectures, work assignments in single stroke Roman, Gothic, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

**51a INTERIOR DECORATION\***

A study and application of the principles governing the selection and arrangement of furniture, textiles, pictures, and other home furnishings. Two Hours

**52b ART EDUCATION**

A study of the fundamental art principles as applied to the art needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. Two Hours

**53a,b FUNDAMENTALS OF DRAWING AND PAINTING**

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One-Six Hours

**61a,b SCULPTURE**

Modeling or carving in various media. One-Six Hours

**101a,b COMMERCIAL ART AND ILLUSTRATION**

Lettering and layout for book illustrations and advertising.

Prerequisites: 53a,b (Two Hours), 50b. Four Hours

**103a,b PAINTING**

Landscape, still-life, or portrait painting in oil or water color.

Prerequisite: 53a,b (Four Hours) One-Six Hours

**ART APPRECIATION****55a,b ART APPRECIATION**

A study of fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours

**119a,b HISTORY OF ART**

A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present. Four Hours

\*May not be counted toward the major or minor requirement in music.

## VI

### APPLIED ARTS

.....Chairman

DORIS H. CARLSEN  
ROLLAND H. HOWLETT

RUTH J. STENBORN  
ALWIN TOEWS

FRANK JUDSON

### HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. *Basic requirements:* The same as for the regular Bachelor of Science degree, plus other courses including those in the major fields and Music, 2 hours, to be chosen in council with the major professor to make up the total 128 hour requirement.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. *Required courses:* Foods and Cookery; Clothing I; Art in Life, or Home Furnishing; Home Hygiene; and Household Management.

#### 5a (or b) FOODS AND COOKERY

A course designed for men interested in a study of basic food preparation and nutrition. Class period with a two-hour laboratory period.  
Two Hours

#### 7ab FOODS AND COOKERY

A study of the principles of human nutrition, and their application to the dietary problems of the average family, food composition and nutritive values, problems in marketing, meal planning, food preparation and table service. Two class periods with a two-hour laboratory period.  
Six Hours

#### 12a HOUSEHOLD ECONOMICS

A basic study in consumer education from the standpoint of the home and daily living. Study of labels, trademarks, guarantees, and quality standards.  
One Hour

#### 50a ART IN LIFE

This course offers instruction in the use of art elements and principles in the application of design to everyday living, clothing and other aspects of the home.  
Two Hours

#### 52a CLOTHING I

This course covers the fundamental techniques of garment selection, construction, and fitting and the use of commercial patterns with simple problems in original design. Two class periods with a two-hour laboratory period.  
Three Hours

#### 54b CLOTHING II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health and economy. Two class periods with a two-hour laboratory period.  
Prerequisite: 52a  
Three Hours

**58a COSTUME DESIGNING**

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years.

Two Hours

**60b MEAL PLANNING AND TABLE SERVICE**

Instruction and laboratory practice in the planning, preparation and serving of meals. Study is also made of special occasions.

Prerequisite: 7ab

Two Hours

**92b TAILORING**

This course comprises a study of the techniques of ladies' tailoring and fitting. One class period with a two-hour laboratory period.

(Upper division credit by arrangement: 192b)

Prerequisite: 52a

Two Hours

**94b HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use and arrangement of household equipment. (Upper division credit by arrangement: 194b)

Three Hours

**98b HOME FURNISHING**

Furnishing a small home from the standpoint of comfort, beauty and economy, with practical application of skills and practices: including a study of the influence of historic design. (Upper division credit by arrangement: 198b)

Three Hours

**100a NUTRITION**

A study of the composition and nutritive values of food as related to physical fitness, and the selection of a balanced diet for health at various age levels with dietary calculations and standards.

Prerequisite: For Home Economics Majors, 7ab.

Three Hours

**114a EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability and economy of food products. Two class periods with two hour laboratory.

Prerequisite: 7ab

Two Hours

**174a INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing and service.

Two Hours

**176b QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room.

Two Hours

**178a METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. Two class periods with two hour laboratory period consisting of teaching devices and illustrative materials used in teaching the various home economics subjects.

Three Hours

**182b CHILD CARE AND DEVELOPMENT**

A study of the child from early prenatal life through the pre-school age, with emphasis upon growth, nutrition and home education.

Two Hours

**184b DIET AND DISEASE**

A study of the normal diet with modifications necessary in pathological conditions.

Prerequisite: 100b

Three Hours

## INDUSTRIAL ARTS

*Major Requirements:* 44 hours, of which a minimum of 15 hours must be in the upper biennium. The following distribution must be followed: 18 hours in each of two areas in Industrial Arts; 8 additional hours in one of the two areas, or in a third area. Other required courses: General Inorganic Chemistry, Principles of Accounting, Economics, Advertising, Lettering, Freehand Drawing, or Art Appreciation. A program of studies including the above major leads to the degree of Bachelor of Science in Industrial Arts. Electives to fill out the program must be selected in consultation with the major professor.

*Minor Requirements:* 18 hours to be selected in consultation with the teachers in the division; 8 hours must be in the upper biennium. All work to be taken in the same field.

## AGRICULTURE

## 6b LANDSCAPE GARDENING

A general course dealing with the planning and development of home grounds, and landscape designs, including the study of trees, plants, and shrubs most desirable for landscape use. Two Hours

## 8a VEGETABLE GARDENING

A study of the types of vegetable gardening with emphasis on the preparation, cultivation, and fertilization of garden soils. Two hours

## 8b APPLIED VEGETABLE GARDENING

This is a practical continuation of the material handled in 8a.

Prerequisite: 8a

Two Hours

## 12b FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading crops. Three Hours

## 52b DAIRY HUSBANDRY

A general study of the selection, breeding, feeding, and management of dairy cattle. Two Hours

## 56a SOILS AND FERTILIZERS

A study of origin, transportation, mechanical composition, chemical analysis of soils, humus, nitrification forms, and movement of water and air in soil and their relation to soil fertility. Crop rotations, natural and commercial fertilizers, liming, drainage, irrigation, and related subjects.

Prerequisite: Chemistry 1ab

Three Hours

## 68a HORTICULTURE

A study of the fundamental principles of home and commercial fruit growing. Three Hours

## 108a POULTRY HUSBANDRY

The methods of raising, caring for, and handling most profitably all kinds of utility poultry. Laboratory work as required. Two Hours

## 112b FEEDS AND FEEDING

A study of the fundamental needs and practices in animal nutrition. Prerequisites: Chemistry 1ab, Organic Chemistry 115ab or may be taken concurrently with the latter. Two Hours

## 116a FARM MANAGEMENT\*

The organization and management of an enterprise, production units, power and equipment. Use and kind of records. Two Hours

## 118b ANIMAL HUSBANDRY\*

Study of the history, characteristics, use, care, and management of farm animals. Three Hours



## PHOTOGRAPHY

## 48a ELEMENTARY PHOTOGRAPHY

Two Hours

## PRINTING

## 21ab PRINTING I

Study and practice of the fundamental procedures in the field of letterpress printing; straight and display composition, imposition and simple presswork. Three hour laboratory required. Six Hours

## 50ab LETTERING

See Visual Arts, Division V.

## 51ab PRINTING II

Principles of display composition, imposition, platen and cylinder presswork. Laboratory work includes the production of usable printed material. The student is expected to attain a reasonable degree of speed and accuracy in a chosen field. Three hour laboratory required. Prerequisite: 21ab or its equivalent Four Hours

## 115ab ADVERTISING

See Business, Division VII.

## 141ab ESTIMATING AND SHOP MANAGEMENT

Planning, layout, estimating, and complete manufacture of all classes of printing.

Prerequisites: 21ab and 51ab

Two Hours

## RADIO

## 15ab (See Physics: Elementary Radio.)

## WOOD TRADES &amp; DRAFTING

A text is required for all the following courses. One of the four periods of classwork will be devoted to lecture and class discussion.

## 11ab CARPENTRY I

A course in planning a building, making a bill of materials, building foundations, framing, rafter layout and cutting, roofing, stuccoing, plumbing, and wiring. Class work, four hours per week. Four Hours

## 14a (or b) ARCHITECTURAL DRAWING I

The elements of house planning and construction methods; blueprint reading for the building trades. Two Hours

## 24a WOODTURNING

Wood lathes, tools, and how to use them.

Two Hours

## 26a (or b) CABINET MAKING I

The almost lost art of making fine furniture by hand. An aid to the appreciation of values in furniture and furnishings. Two Hours

## 32a (or b) MECHANICAL DRAWING

Care and use of instruments, lettering, orthographic projection, working drawings, development of solids, tracing, and blueprinting. Two Hours

## 34b PICTORIAL DRAWING

A study of oblique, cabinet, and perspective drawing, and sketching, and fundamental views of oblique planes.

Prerequisite: 24a or 32a

Two Hours



**101ab CARPENTRY II**

A continuation of Carpentry I, covering mill work, cabinet work, plastering and finishing, including painting and varnishing. (Four hours class work per week and four hours paid domestic labor required.)  
Prerequisite: 11ab **Four Hours**

**102a (or b) CABINET MAKING II**

An advanced course in furniture construction designed for those who have had experience in both hand and machine cabinet work.  
Prerequisite: 26a or b and a knowledge of mechanical or architectural drawing. **Two Hours**

**110a (or b) ARCHITECTURAL DRAWING II**

House planning, detail and pictorial drawing, estimating, etc.  
Prerequisite: 14a **Two Hours**

**112a (or b) ENGINEERING DRAWING**

Conventions, details, assembly drawing from sketches, designing of machinery parts, piping layouts, etc.  
Prerequisite: 32a **Two Hours**

**124a (or b) CABINET MAKING III**

A study of living room, dining room, and bedroom furniture construction. Four periods of classwork. **Two Hours**

**182a MATERIALS AND METHODS FOR VOCATIONAL TRAINING**

A course designed for those interested in teaching vocations. Covers trade analysis, outline of instructions, instruction sheets, assignment sheets, reference sheets, job sheets, etc. **Two Hours**

**199 PROJECTS IN APPLIED AND INDUSTRIAL ARTS****Two Hours**

## VII BUSINESS

W. E. ANDERSON, *Chairman*

RALPH KOORENNY

IRENE ORTNER

ALICE ANDERSON

### ECONOMICS AND BUSINESS

*Major Requirements:* 34 hours, of which a minimum of 17 must be in the upper biennium. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Lettering, 2 hours; Business Machines, 1 hour; Typewriting, 2 hours; Economic Development of the U.S., 3 hours. Three hours upper biennium secretarial science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 9 hours must be in the upper biennium.

#### 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange—the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics.

Six Hours

#### 3a,b PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. (First semester is prerequisite to the second semester.)

Six Hours

#### 51a,b INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems. Prerequisite: 3ab. (First semester is prerequisite to the second semester.)

Four Hours

#### 52b BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations.

Three Hours

#### 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine.

Prerequisites: 3ab, and Business Machines.

One Hour

#### 62a ACCOUNTING FUNDAMENTALS

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only.

Two Hours

#### 102a MONEY, BANKING AND CREDIT\*

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business.

Prerequisite: 1ab.

Three Hours

**103a,b MARKETING\***

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.

Prerequisite: 1ab

Four Hours

**104a COST ACCOUNTING**

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51a,b.

Two Hours

**110b ELEMENTS OF STATISTICS\***

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education. One laboratory per week. Prerequisites: High school Algebra, and two hours of college mathematics (may be taken concurrently).

Three Hours

**112b ACCOUNTING SYSTEMS**

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.

Two Hours

**115a ADVERTISING\***

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**116a CURRENT ECONOMIC PROBLEMS**

Economic problems of current importance; application of economic principles to a dynamic business world.

Prerequisite: 1ab.

Three Hours

## SECRETARIAL SCIENCE

*Major Requirements:* 30 hours in addition to Shorthand I, of which a minimum of 15 hours must be in the upper biennium. A maximum of 4 hours in business or economics may be included in the total upper biennium hours. Extra-departmental requirements: Principles of Accounting, 6 hours; Economics, 6 hours; and Business Law, 3 hours.

*Minor Requirements:* 18 hours, at least 9 of which must be in the upper biennium.

### TYPING

**5a,b TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use.

Prerequisite for 5b: 5a or the equivalent

Two Hours

**58a,b Typewriting II**

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects.

Prerequisite: 5a,b or equivalent; 58a should precede 58b. Two Hours

### SHORTHAND

**7ab SHORTHAND I**

Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute.

Eight Hours

**8a,b SHORTHAND REVIEW**

Review of basic principles of Gregg Shorthand for students who have had one year of shorthand in academy or high school. Second semester includes transcription practice.

Four Hours

**64a SHORTHAND II**

Dictation practice on business and denominational material. Minimum 5-minute speed requirement: 100 words a minute; 66a must be taken concurrently.

Prerequisite: 7ab, 8a,b, or equivalent.

Four Hours

**66a TRANSCRIPTION**

Training in fast and accurate transcription of shorthand dictation. Must be taken concurrently with 64a.

Two Hours

**106a,b ADVANCED SHORTHAND**

Rapid dictation and transcription of Congressional and denominational material. Minimum 5-minute speed requirement for first semester: 120 words a minute.

Prerequisite: 64a

Six Hours

**150a SHORTHAND REPORTING\***

Rapid dictation and transcription of Congressional and other technical materials and reporting of sermons and lectures.

Prerequisite: 106b.

Two Hours

**OFFICE PRACTICE****54a BUSINESS MACHINES**

Instruction and practice on various types of calculating, adding, and duplicating machines.

Prerequisite: 5a,b or equivalent.

One Hour

**70b OFFICE PRACTICE**

Instruction in office procedures, business ethics, filing, and the personal qualifications of the secretary. Three hours class and one hour laboratory.

Prerequisites: 64a and 58a.

Four Hours

**72a (or b) EDIPHONE**

Instruction and practice in the use of the Ediphone, with emphasis on fast and accurate transcribing from the secretarial unit.

Prerequisite: 58a,b or equivalent.

One Hour

**74a (or b) FILING**

A study of the filing systems most commonly used in business; practice in both card and correspondence filing.

One Hour

**182a TECHNIQUES AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING\***

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting.

Two Hours

**162b OFFICE MANAGEMENT**

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space and organizing the flow of work through the office.

Three Hours

**199 PROJECTS IN DIVISION VII.**

One-Two Hours



# SPECIAL CURRICULA

## CURRICULUM FOR MINISTERIAL STUDENTS

The La Sierra College Ministerial training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theological Curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. Besides the 1. average in all his studies, the ministerial student must maintain a 1.5 average in Religion and Cognate studies above the freshman year. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours. Graduation will be granted only to those who have, in addition, attained a certain maturity of mind and manner, who have acquired cultural and social graces, and who have developed a wholesome spiritual experience.

<i>First Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Life and Teachings.....	2	2
English Composition.....	3	3
Greek I.....	4	4
Science .....	3	3
Fundamentals of Speech.....	2	2
Applied Arts .....	1	2
College Problems.....	1	
Physical Fitness.....	$\frac{1}{2}$	$\frac{1}{2}$
 <i>Second Year</i>		
Bible Doctrines.....	3	3
European Civilization.....	3	3
Greek II.....	3	3
American History .....	3	2
U. S. Constitution.....		2
Voice and Diction.....		
Accounting Fundamentals.....	2	
Education .....		3
Applied Arts.....	2	
Physical Fitness.....	$\frac{1}{2}$	$\frac{1}{2}$

<i>Upper Biennium</i>	<i>Hours</i>
Health .....	4
Applied Arts.....	2
Church History.....	6
Daniel and Revelation (UD).....	5
Epistles .....	6
Field Work.....	2
Gift of Prophecy.....	3
Homiletics .....	6
Literature .....	2
Music and Fine Arts.....	4
Personal Evangelism.....	2
Persuasive Speech.....	3
Philosophy of Science.....	3
Prophets .....	6
Public Evangelism.....	2
Electives .....	18

## CURRICULUM FOR NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of bachelor of science in nursing education with a minor in biology or in secondary education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited Seventh-day Adventist school of nursing. Nurses who have completed the pre-nursing curriculum may meet the requirements for a degree with approximately forty-two semester hours additional work, of which a minimum of thirty hours must be in the upper biennium. The nurse who has not had college pre-nursing will need to take additional work. It is recommended that the nurse who plans on administrative work or teaching take additional work in the fields of education and psychology.

*Major Requirements:* In addition to work taken in the school of nursing twelve semester hours must be in the field of nursing education.

### FIVE-YEAR COMBINED CURRICULUM

<i>Pre-nursing</i>	<i>Hours</i>
English .....	6
Bible .....	4
Anatomy and Physiology .....	6
History of Nursing .....	3
Microbiology .....	4
Chemistry .....	6
Health Principles .....	2
Physical Education .....	1

Second, third, and fourth years — in the school of nursing.

Fifth year, the indicated hours selected from each group:

Biology, 9 hours	
Genetics .....	3
Advanced Physiology (required) .....	4
Embryology .....	2 or 3
Ecology .....	2 or 4
Philosophy of Science .....	3

Nursing Education, 12-14 hours	
Introduction to Nursing Education .....	2
Current Trends .....	2
Comparative Nursing Practice .....	2
Supervision in Schools of Nursing .....	2
Ward Management .....	2
Teaching in Schools of Nursing .....	2
Curriculum Construction .....	2
Organization and Administration of Schools of Nursing (required) .....	2
Religion, 4 to 6 hours (upper division)	
English and Speech, 8 hours	
Speech .....	4
Literature .....	6
History, 6-8 hours	
Constitutional History .....	2
American History .....	6
Psychology and Education, 3-8 hours	
Educational Psychology .....	3
Philosophy of Education .....	3
Tests and Measurements .....	2
Principles and Methods of Secondary Education.....	2

# CERTIFICATE CURRICULA

## MEDICAL

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges, but in harmony with the policies of the American Medical Association it does not list a prescribed curriculum.

In planning their college courses, premedical students should include those courses required by the admissions committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. After 1948 a college degree will probably be necessary for admission to most medical schools. With this in mind students should decide on a major and a minor preferably by the beginning of the second year and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists a student should

- a. Maintain a satisfactory conduct and character rating.
- b. Reach a minimum Scholarship average of 1.5 in both science and non-science courses.
- c. Take the medical aptitude test during the 12 months preceding his application.
- d. Receive credit in the courses required by the College of Medical Evangelists for admission. These courses are as follows:

	<i>Sem. Hrs.</i>
Chemistry .....	16
Physics .....	8
Biology .....	8
Embryology .....	2
English Composition and Literature.....	6
*French, German, or Spanish.....	6-12
U. S. Constitution.....	2
Religion .....	12

\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 15 hours. Students taking two years of Latin in high school must begin one of the above foreign languages on the college level and complete 12 semester hours in the same language.



## MEDICAL TECHNOLOGY and PHYSICAL THERAPY

Two years of college work are required as preparation for the one year of professional training for Medical Technology, and for Physical Therapy. It is not required that a uniform curriculum shall be followed. Instead, the following requirements are set up for recommendation from La Sierra College: (a) a minimum scholarship rating of 1.5, (b) suitable credit in the basic courses listed below, (c) enough college credit hours to total 64, including the required courses, (d) a satisfactory conduct and character rating.

*Basic Requirements:*

	Semester Hours	
	First	Second
<i>First Year</i>		
Religion .....	2	2
English Composition .....	3	3
General Zoology .....	3	3
General Chemistry .....	4	4
Problems of College and Life .....	1	
Microbiology .....		4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives to make 16 hours each semester		

<i>Second Year</i>		
Religion .....	2	2
Quantitative Analysis .....	4	
Mammalian Anatomy .....	2	
American Constitution .....		2
American History .....	3	
Physiology .....		2
Electives to make 16 hours each semester		

NOTE 1: Three hours of elective sciences included with the above satisfies the minimum science requirements for entrance to the Physical Therapy school.

NOTE 2: Electives are to be chosen in counsel with adviser. Suggested by Loma Linda are such courses as: Physics, Organic Chemistry, Bio-chemistry, Embryology, Educational Psychology, Human Anatomy, Public Speaking.

## DENTAL

	Semester Hours	
	First	Second
<i>First Year</i>		
Religion .....	2	2
English Composition .....	3	3
Mathematics .....	3	
Problems of College and Life .....	1	
General Chemistry .....	4	4
General Zoology .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours .....		3

<i>Second Year</i>		
Religion .....	2	2
General Physics .....	4	4
Organic Chemistry .....	3	3
American History .....	3	
American Constitution .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours .....		5

NURSING

	Semester Hours	
	First	Second
Religion .....	2	2
Chemistry for Nurses .....	3	3
English Composition .....	3	3
Human Anatomy .....	4	
Human Physiology .....		2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

DIETETICS

Two years of college work totaling 64 semester hours are required as preparation for the two years professional training for Dietetics.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
English .....	3	3
Problems of College and Life .....	1	
General Chemistry .....	4	4
Foods and Cookery .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives .....		6

*Second Year*

Religion .....	2	
Physiology .....		2
American History .....	3	
American Constitution .....		2
†Social Science .....		5
General Psychology .....	3	
Speech .....	2	2
Art in Life .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Electives .....		8

RECOMMENDED ELECTIVES: Typing, Journalism, Accounting, Music, Interior Decorating, Clothing.

†Chosen from two of the following fields, with a minimum of 8 hours of Economics, Psychology, Sociology.

## SPECIAL CURRICULA

### BIBLE WORKERS†

	Semester		Hours
	First	Second	
<i>First Year</i>			
Bible Doctrines .....	3		3
Daniel and Revelation.....	2		3
English Composition .....	3		3
Public Speaking .....	2		2
Music .....	2		2
Everyday Art .....	3		
Education .....			3
Voice .....	1		
<i>Second Year</i>			
Epistles .....	3		3
Personal Evangelism .....	3		3
Church History .....	3		3
Physiology .....	2		2
Gift of Prophecy.....	3		
Elective Hours .....			7

### RECOMMENDED ELECTIVES

Archaeology	Journalism
Clothing	Junior Evangelism
Education courses	Life and Teachings of Jesus
Evidences of Christianity	Music
Foods and Cookery	Old Testament Prophets
Gardening	Psychology
Health and Home Nursing	Speech
History	Tailoring
Interior Decorating	

### TEACHING (TWO-YEAR ELEMENTARY)

	Semester		Hours
	First	Second	
<i>First Year</i>			
Religion .....	2		2
Principles of Geography .....			2
General Psychology .....	3		
Problems of College and Life.....	1		
Physical Science Survey .....	3		
Biological Science Survey .....			3
English Composition .....	3		3
Arithmetic in Elementary Education .....			2
Principles of Education .....			3
Teaching I .....	1		1
Applied Arts .....	3		
Physical Education .....	½		½

†This curriculum is designed for mature young men or women wanting a special course. No upper division credit will be given for courses ordinarily so designated unless prerequisites have been met and the student is otherwise qualified.

*Second Year*

Religion .....		2
American History .....	3	
Social Science .....		3
Health Principles .....		2
Music Education .....	2	
Procedures of Teaching in the Elementary School II .....	2	2
Educational Psychology .....	3	
Voice and Diction .....		2
American Constitution .....		2
Art Education .....	2	
Teaching II .....	1	2
Teaching Technique and Management .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## TWO-YEAR SECRETARIAL†

*First Year*Semester Hours  
First Second

Religion .....	2	2
English Composition .....	3	3
Shorthand I .....	4	4
Typing I .....	1	1
Problems of College and Life .....	1	
Principles of Accounting .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$
Elective Hours .....		4

*Second Year*

Religion .....	2	
Shorthand II .....	4	
Transcription .....	2	
Typing II .....	1	1
Office Practice .....		4
Business Machines .....	1	
Economics .....	3	3
American Constitution .....		2
American History .....		3
Ediphone or Filing .....		1
English or Speech .....	2	2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

†The entrance requirement for this curriculum is a diploma from an accredited secondary school, but the courses taken are applicable toward a degree only if the college entrance requirements for degree candidates are fully met. (See "Academic Standards.")



## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay to the cashier their guarantee deposit before beginning registration.

*The entrance fee* and the student association fees are included in the tuition.

*The guarantee deposit* is \$85.00 for resident (boarding) students and \$45.00 for non-boarding or day students. This deposit takes the place of the advance charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. Students registering after the regular registration days must pay a fee of \$5.00.

The above items are payable by all students. Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket. For Students in Chemistry for Nurses the price of the ticket is \$7.00. For those enrolling in other chemistry courses, the price is \$10.00; \$5.00 breakage tickets are required in biological courses using breakable equipment. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the College on or before September 1.

## TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$12.40	8 .....	\$ 99.20
2 .....	24.80	9 .....	111.60
3 .....	37.20	10 .....	124.00
4 .....	49.60	11 .....	136.40
5 .....	62.00	12 .....	148.80
6 .....	74.40	13-16 .....	161.20
7 .....	86.80	17 .....	173.60
		18 .....	186.00

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for first session and in July for second session. Statements are prepared each calendar month and are payable when presented.

Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

Adjustments on tuition will be made only at the end of the week in which a student drops school, the date upon which the drop voucher was signed by the dean serving as the basis for the adjustment of the account. Tuition is payable to the end of the week in which classes are dropped.

## ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$15.75 per month
Angwin Hall and Calkins Hall.....	16.75 per month
Special rooms in Angwin Hall.....	18.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the College, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The health service fee applies towards the expenses of maintaining a nursing staff in the College, and includes a limited amount of simple treatments and general health examinations, but does not include doctor's fees, prolonged nursing or special electric light treatments.

### PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$24.00 per semester for one lesson a week; \$40.00 per semester for two lessons a week. Single lessons are \$2.00 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up at his earliest convenience. Less than eight lessons per semester will be charged at the single lesson rate.

### FEES AND RENTALS

#### *Application Fee*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

#### *Laboratory Fees*

All freshman and sophomore courses having a one credit hour laboratory (course numbers 1-99) the laboratory fee will be \$7.50 per semester per course.

All freshman and sophomore courses having a two credit hour laboratory (course numbers 1-99) the laboratory fee will be \$10.00 per semester per course.

All junior and senior courses having a laboratory (course numbers 100 and above) the laboratory fee will be \$10.00 per semester per course.

#### *Exceptions:*

Nurse's Chemistry.....	\$5.00
Physical Science Survey.....	3.00
Biological Science Survey.....	3.00

All *Business* courses having a laboratory carry a laboratory fee of \$3.00 per semester.

All *Visual Arts* courses carry a laboratory fee of \$3.00 per semester each.

#### *Fine Arts — Music*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not.

*Physical Education*

	Per Semester
Physical Education.....	\$2.00

*Rentals*

	Per Month
Typewriter, one period per day.....	\$1.50
Music Instruments.....	1.50
Music Rentals	Per Semester
Practice Room, one hour a day.....	\$ 5.00
Practice Room, two hours a day.....	8.00
Pipe Organ, Estey, two hours a week.....	14.00
Pipe Organ, Wurlitzer, three hours a week.....	14.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35

*Special Fees*

Permit for each special examination.....	3.00
Change of class after two weeks.....	1.00
Degree .....	5.00
Diploma—Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration .....	5.00
Medical Aptitude Test .....	5.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the College, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.



## THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the College such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

## COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the Dean.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the College are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The College reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Labor credits cannot be transferred to any person other than a brother or sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public Law* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law* 346, 78th Congress, 1944).

Veterans wishing to attend school under the provisions of *Public Law* 346 should plan to have a "Certificate of Eligibility and Entitlement (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law* 16 should be evidenced by a letter authorizing such training signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by presenting an "Authorization Certificate" or showing a photostatic copy of a certificate of eligibility from the State.

Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that suspended items by the Government, either State or Federal, will be paid by them. Veterans will

do well to plan to have sufficient funds to cover at least two month's living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts until government subsidies are received.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the College. Details of such scholarships should be obtained from the business office before the student begins work.

### ENROLLMENT ANALYSIS 1947-1948

Regular Semesters	Men	Women	Totals
Freshmen .....	163	121	284
Sophomores .....	176	69	245
Juniors .....	135	49	184
Seniors .....	59	21	80
Special and Unclassified .....	33	50	83
Extension Division .....			43
Preparatory School .....	105	114	219
Summer Session			
Freshmen .....	34	10	44
Sophomores .....	54	11	65
Juniors .....	65	17	82
Seniors .....	26	8	34
Special and Unclassified .....	20	18	38
Preparatory School .....	11	8	19
College Total .....			1138
Preparatory School Total .....			263

### GRADUATES OF 1947

#### *Bachelor of Arts*

Ralph Melvin Adams  
 Violet Janett Boyko  
 Ansel LeRoy Bristol  
 Alva Taylor Friend  
 Leslie Hardinge  
 Merwin Albert Russell Jones  
 Kenneth Yit Kong Nip  
 Lowell Harmond Plinke  
 James Willborn Riggs, Jr.  
 Edward Charles Scott  
 Hugh Harold Sterling  
 Dorothy Rose Vipond

#### *Bachelor of Science*

Business Administration  
 Velma Lucille Fish Secht

#### Home Economics

Marguerite Mae Gardner  
 Dorothy Evelyn McConaughy

#### Nursing

Gladys C. Davis  
 Eleanor Ruth Lawson  
 Frances Jean Rittenhouse

#### Science

William Clyde Ball  
 Eugene G. Carroll  
 Albert Gordon Goude  
 Gerald E. Larson  
 Leslie Y. Low  
 Aileen Butka Ludington  
 Clarence James McCleary  
 Omar W. Stratton  
 Gordon W. Thompson

#### Secretarial Training

Eleanore Marie Zimmermann

## DIPLOMAS AND CERTIFICATES

*Premedical*

Ira Bailie  
John Collins  
Byron Eller  
Armando Hernandez  
George Juler  
Wesley Kime  
Harold Moody  
Effie Jean Potts  
Ross Seasily  
Wilford Tetz  
Betty Tome  
Sharon Waggoner  
Lloyd Wilder  
Walter Winslow  
Marjorie Yates

*Predietetic*

Beverly Symonds  
Barbara Tower

*Pretechnology*

Mary Culver

*Secretarial*

Mary Donna Ball  
Maxine Smith

*Teacher Training*

Mary Jane Bruce  
Barbara Seaward

*Prenursing*

Delores Anholm  
Barbara Babienko  
Doris Bronsert  
Norma J. Cantwell  
Ellen Carter  
Neva Carter  
Virginia Dunham  
Mary Lou Ekvall  
Betty Gibbons  
Marilyn Ham  
Mirta Hernandez  
Lily Ishikawa  
Barbara McDonald  
Fay Dora Moore  
Elvine Morey  
Muriel Neuman  
Barbara Nip  
Velma Reed  
Florence Sano  
Mary Smith  
Miriam Smith  
Betty Stout  
Yaeko Tan  
Lois Thomas  
Harriet Wall  
Betty Jean Wilson



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Arrowhead  
Hot Springs

San Geronio

Palms Springs

San Jacinto

Joshua Forest

Canyon Pass

Beaumont

March Field

Redlands  
Loma Linda  
San Bernardino

Mt Baldy

Santa Ana

Riverside

Orange Groves

La Sierra College

Fontana

Pomona

Lemon Groves

Arcadia

Santa Anita

Mt Wilson

Mt Lowe

San Gabriel Mission

Orange Groves

Pasadena

Glenview

Santa Ana

Oil fields

San Fernando Mission

LOS ANGELES

Long Beach

Hollywood

San Pedro

Beverly Hills

Santa Monica

Malibu

UNITED  
KINGDOM



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AND THE CALIFORNIANS INCORPORATED







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# *Sierra College*

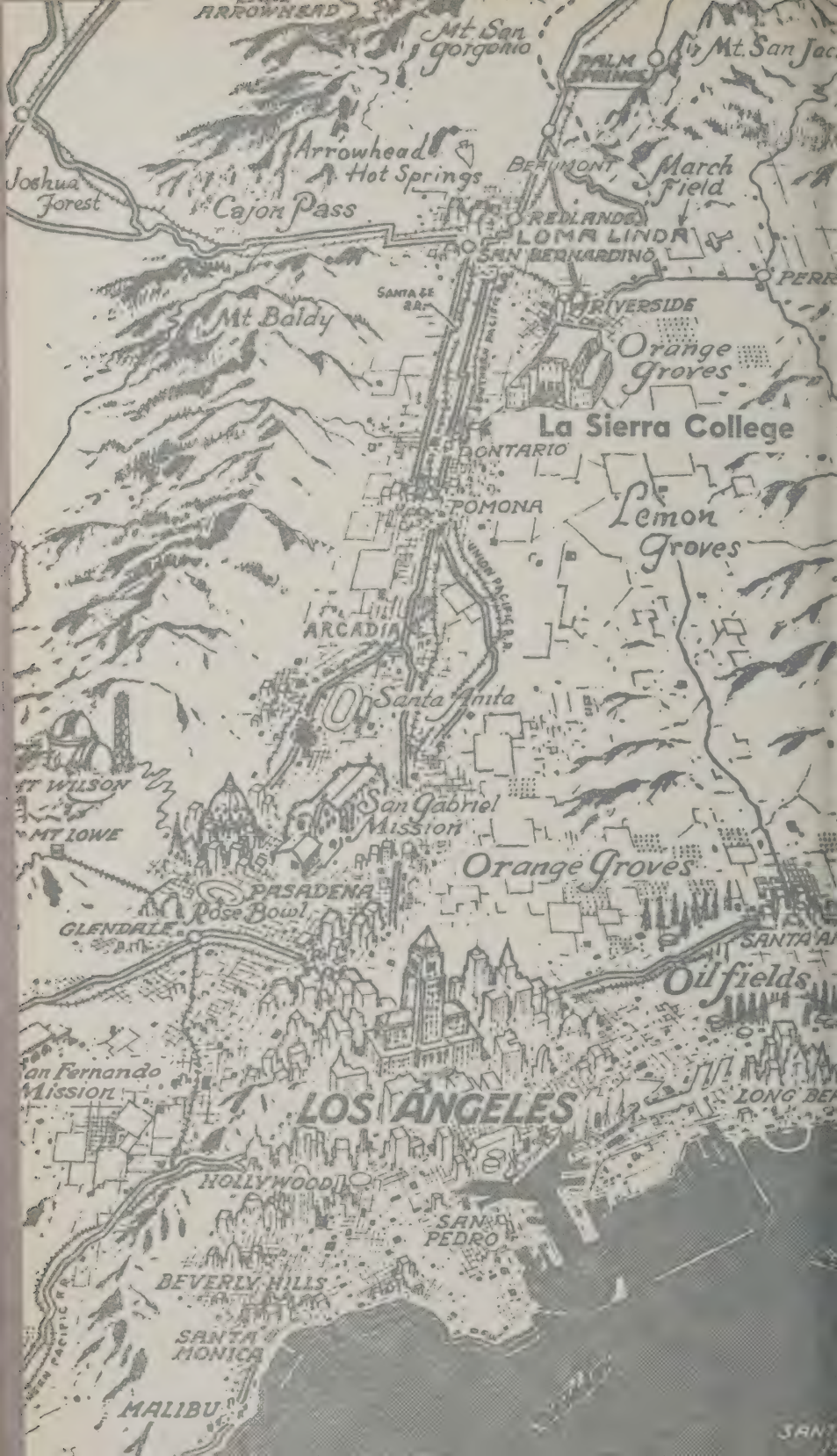
*Arlington, California*

ULLETIN

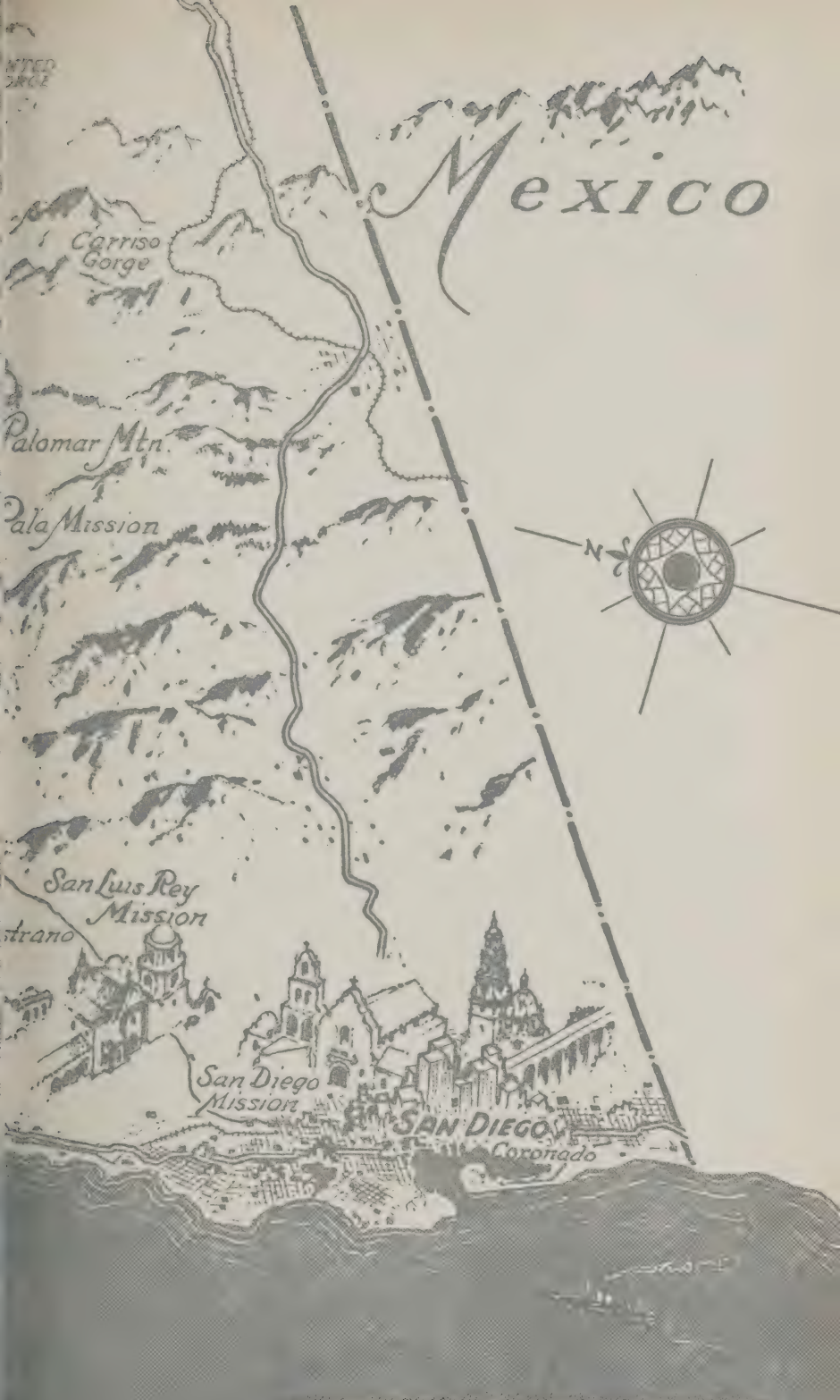
1950









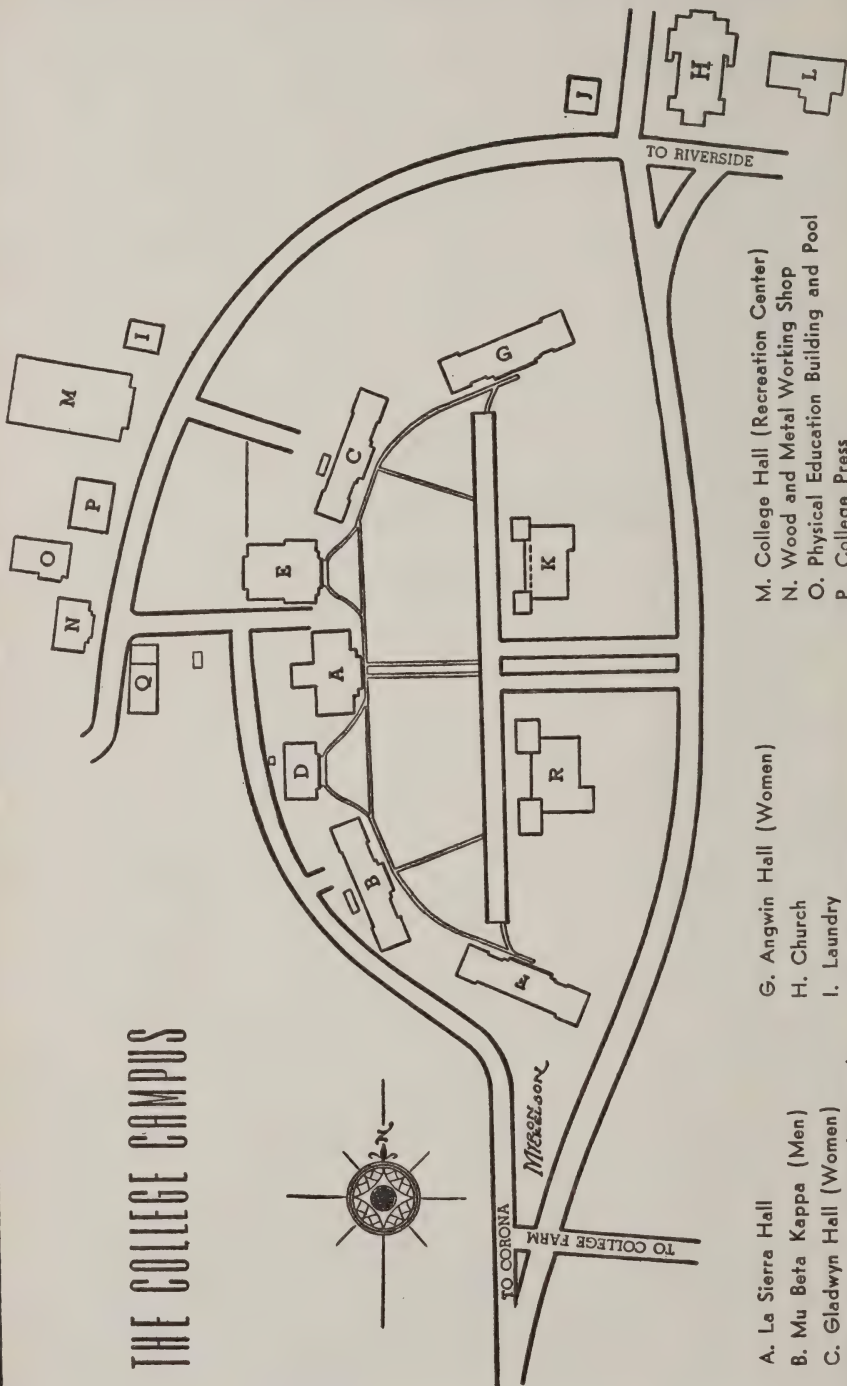


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AND THE CALIFORNIANS INCORPORATED



LA SIERRA COLLEGE  
BULLETIN

# THE COLLEGE CAMPUS



- A. La Sierra Hall
- B. Mu Beta Kappa (Men)
- C. Gladwyn Hall (Women)
- D. San Fernando Hall (Science)

- G. Angwin Hall (Women)
- H. Church
- I. Laundry
- J. College Store

- M. College Hall (Recreation Center)
- N. Wood and Metal Working Shop
- O. Physical Education Building and Pool
- P. College Press
- Q. Tennis Courts

# La Sierra College Bulletin

CATALOG NUMBER

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# CALENDAR

1949 - 1950

September							January							May							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6	
4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20	
18	19	20	21	22	23	24	22	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	28	21	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	27	
25	26	27	28	29	<b>30</b>		29	30	<b>31</b>					28	29	30	<b>31</b>				
October							February							June							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
						1				1	2	3	4					1	2	3	
2	3	4	5	6	7	8	5	6	7	8	9	10	11	4	5	6	7	8	9	10	
9	10	11	12	13	14	15	12	13	14	15	16	17	18	11	12	13	14	15	16	17	
16	17	18	19	20	21	22	19	20	21	22	23	24	25	18	19	20	21	22	23	24	
23	24	25	26	27	28	29	26	27	<b>28</b>					25	26	27	28	29	<b>30</b>		
30	<b>31</b>																				
November							March							July							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
		1	2	3	4	5				1	2	3	4							1	
6	7	8	<u>9</u>	<u>10</u>	<u>11</u>	12	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
13	14	15	16	17	18	19	12	13	14	15	16	17	18	9	10	11	12	13	14	15	
20	21	22	23	24	25	26	19	20	21	22	23	<u>24</u>	25	16	17	18	19	20	21	22	
27	28	29	<b>30</b>				26	<u>27</u>	<u>28</u>	<u>29</u>	30	<b>31</b>		23	24	25	26	27	28	29	
														30	<b>31</b>						
December							April							August							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
				1	2	3							1				1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
25	26	27	28	29	30	<b>31</b>	23	24	25	26	27	28	29	27	28	29	30	<b>31</b>			
							30														

**Bold dates** — Financial periods close (Accounts due within ten days).  
**Underscore** — Examination days.

# CALENDAR OF EVENTS

## 1949 - 1950

### SUMMER SESSIONS 1949

Registration .....	June 12
First Summer Session Begins .....	June 13
Registration .....	July 24
Second Summer Session Begins .....	July 25



### FIRST SEMESTER

Freshman Days (Attendance Required) .....	September 12, 13
Freshman Registration .....	September 14
Registration .....	September 12, 13, 14
Instruction Begins .....	September 15
Founders' Day .....	October 3
Fall Week of Prayer .....	October 14-22
Mid-Semester Examinations .....	November 9-11
Autumn Recess 6:00 p.m. ....	November 23
to 6:00 p.m. ....	November 27
Senior Organization .....	December 1
Senior Presentation .....	December 19
Winter Vacation 6:00 p.m. ....	December 21
to 6:00 p.m. ....	January 2
First Semester Examinations .....	January 23-27



### SECOND SEMESTER

Second Semester Registration .....	January 29
Second Semester Instruction Begins .....	January 30
College Day .....	March 1
Spring Week of Prayer .....	March 10-18
Mid-Semester Examinations .....	March 27-29
Spring Recess 6:00 p.m. ....	March 29
to 6:00 p.m. ....	April 2
Alumni Homecoming .....	April 30
Second Semester Examinations .....	May 22-26
Consecration .....	May 26
Baccalaureate .....	May 27
Commencement .....	May 28



### SUMMER SESSION 1950

Registration .....	June 11
First Summer Session Begins .....	June 12
Registration .....	July 23
Second Summer Session Begins .....	July 24

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the College and faculty appointments should be addressed to the President.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins .....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
Evaluation of Credits.....	Registrar
Graduate Placement.....	Dean of the College
Transcripts of Records.....	Registrar
Summer Sessions.....	Dean of the College
Veterans' Affairs .....	Dean of the College



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Los Angeles, California

### REGIONAL FIELD REPRESENTATIVES

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P. O. Box 580, San Jose 4, California

ALBAN W. MILLARD  
1112 Keeaumoku Street, Honolulu 46, T. H.

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## ON CAMPUS ADMINISTRATION

### OFFICERS OF ADMINISTRATION

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WILLETA CARLSEN, B. S., *Registrar*  
ELMER DIGNEO, A. B., *Principal of Preparatory School*  
EDWARD B. MATHESON, A. B., *Dean of Men*  
MARY CHAMPION, B. S., *Dean of Women and Director of Student Personnel*  
D. GLENN HILTS, B. S., in L. S., A. M., *Librarian*

### ASSOCIATES IN ADMINISTRATION

WILLIAM E. ANDERSON, M. BUS. ADM., *Assistant Business Manager*  
J. DEE LANSING, M. D., *Staff Physician*  
ANNA VAN AUSDLER, A. B., *Director of Cafeteria*  
FLOYD WOOD, A. B., *Assistant Dean of Men*  
HELEN EVANS, A. B., *Assistant Dean of Women*  
MARY DONA BALL, A. B., *Assistant Registrar*  
MARIA HOOF, R. N., B. S., *Director of Health Service*

### OFFICERS OF AUXILIARY ACTIVITIES

CHARLES L. MARTIN, *Superintendent of Maintenance*  
JOHN WOHLERS, *Superintendent of College Press*  
GEORGE E. STEARNS, *Superintendent of College Farm*  
FRANK E. ROMANT, *Superintendent of College Store*  
JOHN DEAN, *Superintendent of Grounds*  
EDWARD W. MATHESON, *Custodian*

## INSTRUCTIONAL STAFF

- WILFRED J. AIREY, Ph.D. *Professor of History*  
A.B., Walla Walla College, 1933; A.M., University of Washington, 1938; Ph.D., University of Washington, 1945. Present position, 1941 -
- MARGARETE AMBS, A.M. *Professor of Modern Languages*  
A.B., Emmanuel Missionary College, 1935; A.M., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944; Western Reserve University, 1948-1949. Present position, 1938 -
- LESTER H. CUSHMAN, M.S. *Professor of Mathematics*  
A.B., Pacific Union College, 1930; M.S., University of Southern California, 1932; graduate work, University of Southern California, 1947-1948. Present position, 1930 -
- LLOYD E. DOWNS, A.M. *Professor of Biology*  
A.B., Pacific Union College, 1933; A.M., Pacific Union College, 1945; graduate work, University of Southern California, 1947-1949. Present position, 1944 -
- HAROLD B. HANNUM, M.Mus., A.A.G.O. *Professor of Organ and Theory*  
A.B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M.Mus., Northwestern University, 1935. Present position, 1944 -
- J. CECIL HAUSSLER, Ph.D. *Professor of Religious History*  
A.B., Walla Walla College, 1923; A.M., Occidental College, 1927; Ph.D., University of Southern California, 1945. Present position, 1944 -
- EDWARD HEPPENSTALL, A.M. *Professor of Religion*  
B.Th., Stanborough Park College, England, 1928; A.B., Emmanuel Missionary College, 1933; A.M., University of Michigan, 1934; graduate work University of Southern California, 1941-1942, 1945-1949. Present position, 1940 -
- MAYBEL JENSEN, A.M. *Professor of Elementary Teacher Training*  
A.B., Union College, 1925; A.M., University of Southern California, 1932; graduate work University of Southern California. Present position, 1925 -
- IRENE E. ORTNER, A.M. *Professor of Secretarial Science*  
A.B., Atlantic Union College, 1934; A.M., Boston University, 1939. Present position, 1944 -
- LOUIS C. PALMER, M.S. *Professor of Chemistry*  
A.B., Union College, 1917; M.S., University of Southern California, 1935; graduate work, University of Southern California, (summers, 1940-1945) 1946-1947. Present position, 1936 -
- MABEL CURTIS ROMANT, A.B., M.O. *Professor of Speech*  
A.B., Emmanuel Missionary College, 1925; M.O., Chicago School of Expression and Dramatic Art, 1929; graduate work, Catholic University of America, 1936, 1937. Present position, 1940 -
- CLAUDE D. STRIPLIN, Ph.D. *Professor of History*  
A.B., Walla Walla College, 1919; M.S., University of Southern California, 1934; Ph.D., University of Washington, 1949. Present position, 1945 -
- JULIAN L. THOMPSON, Ph.D. *Professor of Physics*  
B.S., Pacific Union College, 1923; M.S., University of Oklahoma, 1931; Ph.D., University of Chicago, 1939. Present position, 1946 -

- FRANK JUDSON, M.S. *Professor of Agriculture*  
B.S., Madison College, 1938; M.S., University of Tennessee, 1940;  
Present position, 1948 -
- RALPH PIERCE *Visiting Professor of Piano*  
Student of Ethel Leginska; concert pianist, appearing throughout the  
United States and Europe.
- J. DEE LANSING, M.D. *Lecturer in Physiology*  
B.S., Walla Walla College, 1942; M.D., College of Medical Evange-  
lists, 1943. Present position, 1947 -
- 
- WALTER B. CRAWFORD, A.M. *Associate Professor of English*  
A.B., Union College, 1941; A.M., Columbia University, 1947; Teaching  
Fellow at University of California, Berkeley, 1947-1949. Present posi-  
tion, 1947 -
- EDNA S. FARNSWORTH, B.F.A., M.Mus. *Associate Professor of Piano*  
B.F.A. in Music, Nebraska Wesleyan University, 1938; M.Mus., Redlands  
University, 1941. Present position, 1939 -
- JOHN T. HAMILTON, M.Mus. *Associate Professor of Voice*  
B.Mus., Northwestern University, 1941; M.Mus., Northwestern Uni-  
versity, 1945. Present position, 1947 -
- GEORGE T. SIMPSON, A.M. *Associate Professor of Secondary Education*  
A.B., Walla Walla College, 1934; A.M., University of Denver, 1947;  
graduate work, Columbia University, 1948-1949. Present position,  
1947 -
- ALFRED WALTERS, M.Mus. *Associate Professor of Violin*  
B.S., Fredonia State Teachers' College, 1940; M.Mus., Boston Uni-  
versity, 1946. Present position, 1947 -
- 
- WILLIAM E. ANDERSON, M.Bus.Adm. *Assistant Professor of*  
*Business Administration*  
A.B., Emmanuel Missionary College, 1932; M.Bus.Adm., University  
of Southern California, 1945. Present position, 1943 -
- CHLOE ADAMS SOFSKY, A.B., B.F.A. *Assistant Professor of Art*  
A.B., Union College, 1933; B.F.A., University of Nebraska, 1937;  
graduate work, Claremont College, summers 1948, 1949. Present  
position, 1945 -
- WALTER F. SPECHT, A.M.\* *Assistant Professor of Biblical Languages*  
*and Religion*  
B.Th., Walla Walla College, 1936; A.M., Washington Theological Sem-  
inary, 1947. Present Position, 1945 -
- 
- LILLIAN L. BEATTY, A.M. *Instructor in English*  
A.B., Walla Walla College, 1925; A.M., Stanford University, 1935.  
Present position, 1946 -
- THOMAS HARRISON BLINCOE, A.B. *Instructor in Religion*  
A.B., La Sierra College, 1945; graduate work, Theological Seminary,  
summer 1948. Present position, 1948 -
- MAUDIE BRYAN, R.N., B.S. *Instructor in Physical Education*  
R.N., Paradise Valley Sanitarium and Hospital, 1935; B.S., Walla Walla  
College, 1940. Present position, 1948 -
- WALTER T. CRANDALL, A.B. *Instructor in English*  
A.B., Washington Missionary College, 1930; graduate work at Univer-  
sity of Southern California, summers 1945-48. Present position, 1934 -

\* On leave, 1949-1950.

- HOPE H. HAYTON, A.M. *Instructor in Modern Languages*  
A.B., Pacific Union College, 1929; A.M., University of Southern California, 1934; graduate work, University of Southern California, summers 1947, 1948. Present position, 1946 - .
- ALGER F. JOHNS, A.B. *Instructor in Biblical Languages*  
A.B., Pacific Union College, 1939. Present position, 1949 - .
- W. WALTER KENNEDY, A.B. *Instructor in Printing*  
A.B., Pacific Union College, 1938. Present position, 1945 - .
- RALPH L. KOORENNY, A.M. *Instructor in Business Administration*  
A.B., Walla Walla College, 1947; A.M., Washington State College, 1948. Present position, 1948 - .
- JAMES RIGGS, A.B. *Instructor in Physics*  
A.B., La Sierra College, 1947; graduate work, University of Southern California, summer 1948. Present position, 1947 - .
- H. RAYMOND SHELLEN, B.S. *Instructor in Chemistry*  
B.S., Emmanuel Missionary College, 1937; graduate work, Indiana university, summers 1939, 1940. Present position, 1948 - .
- ELLEN SHORT, A.M. *Instructor in Piano*  
A.B., Emmanuel Missionary College, 1945; A.M., Boston University, 1948. Present position, 1945 - .
- RUTH J. STENBORN, B.S.\* *Instructor in Home Economics*  
B.S., School of Dietetics, College of Medical Evangelists, 1945; graduate work, University of California, 1945-1946. Present position, 1946 - .
- ALWIN L. TOEWS, A.B. *Instructor in Industrial Arts*  
A.B., Pacific Union College, 1925; Fresno State College, 1930. Present position, 1939 - .
- ROLAND D. WALTERS, A.B. *Instructor in Biology*  
A.B., Walla Walla College, 1947. Present position, 1949 - .

\* On leave, 1949-1950.



## PREPARATORY SCHOOL SUPERVISORS

- MABEL ANDRE, A.M. *Modern Languages*  
A.B., Washington Missionary College, 1919; A.M., University of Southern California, 1935. Present position, 1943 - .
- ELMER J. DIGNEO, B.S. *Science*  
B.S., La Sierra College, 1945; graduate work, Claremont College, summer 1948. Present position, 1940 - .
- ESTHER KUNAU, A.B. *Music*  
A.B., Union College, 1939; graduate work Northwestern University, 1948. Present position, 1948 - .
- ALBERT C. MADSEN, A.M. *Bible and History*  
A.B., Union College, 1916; A.M., University of Southern California, 1935. Present position, 1944 - .
- ADOLPHUS H. PARKER, A.M. *Science*  
A.B., Union College, 1926; A.M., University of Minnesota, 1937. Present position, 1947 - .
- NELLIE PHILLIPS, M.Bus.Edu. *Business Education*  
A.B., Union College, 1941; M.Bus.Edu., University of Colorado, 1947. Present position, 1947 - .
- FEDALMA RAGON, A.B. *English*  
A.B., Pacific Union College, 1919. Present position, 1929 - .

## ELEMENTARY SCHOOL SUPERVISORS

- MARY WITCHEY GROOME, A.B. *Grade One*
- MARY WOODWARD, A.B. *Grade Two*
- NELLIE G. ODELL, A.B. *Grade Three*
- HAZEL OLESON SHAFER, A.B. *Grade Four*
- HELEN SWENSON, A.B. *Grade Five*
- MILDRED SHANNON *Grade Six*
- PAULINE BEEKS KOORENNY, A.B. *Grade Seven*
- GERALD G. NEFF, A.B. *Grade Eight, Principal*

## FACULTY COMMITTEES

### *Administrative Council*

Godfrey T. Anderson, Karl F. Ambs, Willeta Carlsen, Mary Champion, Elmer J. Digneo, Edward Heppenstall, Edward B. Matheson, Claude D. Striplin, Julian L. Thompson.

### *Religious Activities*

Edward Heppenstall, Mary Champion, Elmer J. Digneo, Lloyd E. Downs, John T. Hamilton, J. Cecil Haussler, Edward B. Matheson, Irene E. Ortner.

### *Academic Policies*

Claude D. Striplin, Wilfred J. Airey, Willeta Carlsen, Harold B. Hannum, Edward Heppenstall, D. Glenn Hilts, Maybel Jensen, Louis C. Palmer, Mabel Curtis Romant.

### *Curriculum*

Dean, Registrar, Department Heads.

### *Admissions*

Godfrey T. Anderson, Karl F. Ambs, Mary Dona Ball, Willeta Carlsen, Mary Champion, Elmer J. Digneo, Edward B. Matheson, Claude D. Striplin.

### *Personnel*

Mary Champion, Willeta Carlsen, Lloyd E. Downs, Maybel Jensen, Edward B. Matheson, George T. Simpson, Claude D. Striplin.

### *Library*

D. Glenn Hilts, William E. Anderson, Walter B. Crawford, Lloyd E. Downs, Harold B. Hannum, J. Cecil Haussler, George T. Simpson.

### *Public Relations*

Karl F. Ambs, Wilfred J. Airey, Walter T. Crandall, Elmer J. Digneo, Harold B. Hannum, J. Cecil Haussler, Mabel Curtis Romant, Claude D. Striplin, Alfred Walters.

### *Social Activities*

Wilfred J. Airey, William E. Anderson, Elmer J. Digneo, John T. Hamilton, Hope H. Hayton, W. Walter Kennedy, Ralph L. Kooreny, Edward B. Matheson, Irene E. Ortner, Mabel Curtis Romant.



## GENERAL INFORMATION

### THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. From the campus can be seen through the winter months the snow-clad peaks of the Southern Sierra, rising above the orange groves, giving a rare beauty to the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

**ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY.** In this building are the administrative and business offices of the College, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and a microfilm room fitted with reading machines and storage cabinets. Built in 1946.

**LA SIERRA HALL,** once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Studies, and Language Divisions, and the Physics Department. Built in 1923.

**SAN FERNANDO HALL** contains the teachers' offices, classrooms, and laboratories of the Science Division. Built in 1931.

**THE HOLE MEMORIAL AUDITORIUM BUILDING** contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

**THE DEMONSTRATION SCHOOL,** located northeast of the main campus, combines the functions of parochial school for the community, and demonstration school for the department of Elementary Educa-

tion. There are eight class rooms, eight teachers' offices, and each class room has space for activities. Built of fireproof Latisteel construction in 1947.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women, and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, and office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and two smaller dining rooms known as the "Club Room," and the "Banquet Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE INDUSTRIAL BUILDINGS include one for shop instruction, including wood and metal working equipment, and offices, La Sierra College Press, the laundry, and the college general store.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms, offices and classrooms. Built in 1946.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The College has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the College. A number of students are given employment in the factory.

THE CHURCH, a beautiful house of worship for College and community, is located north of the campus on college property. It has a seating capacity of 2,200. Built in 1947.



## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

The first college work was offered in 1923, in teacher training, and the school acquired a name, La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the College for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year premedical curriculum at La Sierra.

*Accreditation.* La Sierra College is now accredited as a College of Liberal Arts by the Northwest Association of Secondary and Higher Schools, and is approved by the Board of Regents of the General Conference of Seventh-day Adventists. The College is also a member of the American Council on Secondary Education, and the Association of American Colleges.

*Curricula.* The College has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The College also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medical technology and medical therapy, dentistry, dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after having met the graduation requirements of the College, are granted the degree of Bachelor of Arts or Bachelor of Science.

## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the College is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the Biblical specifications of the man of God. The philosophy of education to which the College subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the College have been defined as follows:

1. *Intellectual Objectives.* The College seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The College endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The College seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The College endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the functioning and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the College to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the College for him.



*Regulations.* No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the College, as listed in the student handbook, (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra College have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the College.*

As the College retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the College, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

*Guidance.* Formal instruction and teacher-student contacts in the classroom alone fail to meet the needs of the modern student in his studies, in his social life, and in his spiritual development. The school which stops with these formal contacts has failed in its duty to the student. Therefore it is the plan at La Sierra to provide for the guidance of every student under the close personal supervision of a member of the faculty, selected for the purpose by the student himself. These contacts are informal and friendly but are sufficiently constant for the student to know that his welfare is being looked after, his interests sought, and that there are faculty members to whom he may go with his problems. Of course every teacher takes an interest in his pupils. But the counselor's interest includes and coordinates all these other interests. He is interested in the whole welfare and in the whole well-being of the student. Each counselor's list is kept short to insure these contacts which constitute no small part of the spiritual, social, and character building values in the College.

*Residence.* The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the College undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not reside with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and worthy students who, having made written request to the Board of Trustees, are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the student handbook.

*Health Service.* It is the purpose of the College to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the College maintains a cafeteria where wholesome food is served, and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Education Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastic and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered the student in training for leadership in organization and in the various student activities.

The *Arts and Letters Guild* is an organization designed to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The club offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The *Associated Student Body* provides for the social, recreational, and promotive interests of the College, and furnishes a point of contact between faculty and students. All students become members of this organization upon registration. The *College Criterion* is the organ of the Associated Student Body.

The *College Commercial Club* seeks to foster a spirit of friendliness among the commercial students, to acquaint them with the various problems which will be met in an office, and to meet representative business men and women, thus forming contacts valuable in business life.



*The Filomena Club* is open to all prenursing students. Its aim is to foster an interest in nursing and to acquaint the pre-professional student with some of the trends and current problems in her chosen field.

*The Home Economics Club* is organized for the purpose of fostering Christian ideals with respect to personal and family living and to develop a fuller appreciation of the meaning of gracious manners and healthful living. Membership is open to all students enrolled in courses in the Home Economics Department.

*The International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political inter-relations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extra-curricular interest in things and aims of chemistry. Membership is open by invitation to chemistry majors of junior and senior standing. Each year a few students who have not yet attained junior status as chemistry majors are admitted as associate members.

*The Language Clubs* meet at regular intervals during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

*The La Sierra Naturalists' Club* is of special interest to biology majors and minors. Others who are interested in nature study may become members. Membership is by invitation, but those interested should make their interest known.

*The Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

*The Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in foreign missions, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

*The Music Guild* was formed to provide opportunity for self-expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

*The Photography Club*, with its membership composed of those with some experience and much interest in things photographic, serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Radio Club* has for its purpose the increasing of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

*Sigma Phi Kappa* is a club whose objectives are to encourage an expression of individual ideas and to promote social development among women of the College.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

## PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra College.

## MISCELLANEOUS INFORMATION

*The Summer School.* The College conducts two summer sessions of six weeks each. For information please write for the summer sessions *Bulletin*.

*The Preparatory School.* The College has connected with it a fully accredited academy or preparatory school. For information please write for the *Bulletin* of La Sierra Preparatory School.

*Communications.* The mail address of the College is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is Riverside 9180. After 6:00 p.m. and on Sabbath (Saturday), call the following numbers: President, Riverside 9264; College Dean, Riverside 9269; Manager, Riverside 9715-W; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267; student phone, Angwin Hall, Riverside 9432; student phone, Calkins Hall, Riverside 9433.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the College at least thirty days before the student desires to enter. *Under no circumstances should a student come to the College before he has had formal notice of acceptance by the Admissions Committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or on the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the Dean of the College.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies

on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Sixteen units of credit from high school, with a grade average of "C" is the normal basis for admission to freshman standing. More specifically, the student should fulfill the requirements in one of the two following patterns:

1. *By certificate of graduation* from an accredited secondary school, with units of credit distributed as follows:

(a) English, three units.

(b) Mathematics, two units. This must consist of one unit each of Algebra and Geometry.

(c) History, one unit. This must be a unit of either American History or Civics, or a unit made up of the two.

(d) Science, one unit. This must be a unit in one field, and must be a third or fourth year course with laboratory.

(e) Foreign language, two units, in the same language.

(f) An additional unit from the following: a third year of the (e) language, a third year in mathematics, a second year of science, or two units of a second language.

(g) Religion, one unit for each year spent in a Seventh-day Adventist secondary school, to the extent of three units.

2. *By standard examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. Such examinations should be taken before the student completes his registration.

The same entrance requirements hold for junior college curricula, except as they may vary to meet the entrance requirements of professional schools, or as stated in the curriculum section of this BULLETIN.



Entrance deficiencies should be removed before a regular program of college studies is undertaken. In some instances deficiencies may be removed on the college level, at the rate of six semester credit hours for each unit, except in foreign language, in which case a deficiency of two high school units may be removed by taking an eight-hour beginning college course in a modern foreign language.

*College seniors will not be given credit for freshman courses taken in the senior year even though they are required. All such courses must be taken before the student reaches senior standing.*

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra College for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore standing after successfully completing twenty-eight semester hours, and to junior standing after successfully completing sixty hours. A student is eligible for membership in the organized junior class only if he is carrying to completion at least ninety-two semester hours of credit, has a 1.0 average, and has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of the junior year. After completing ninety-two hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the Registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the Dean is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* The College has reserved three days at the opening of the year for freshmen. The purpose of this period is to provide a time for administering tests and to help the student to plan his program and to introduce the student to college life. Attendance for all freshmen students is required. (The only exception being those students who have attended La Sierra College a year but who do not have sufficient credits for sophomore standing.) Other students are urged to be present for the regular registration days.



Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the President or Dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or three days of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra College for whom aptitude and placement scores are not available, are required to take such tests before registering, on the day designated. The College reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

All lower division students entering La Sierra College for the first time, and all other students who do not have credit in Freshman English from some other college, are required to take an examination in English known as the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students failing to pass the English Placement Test will be required to enroll in course AB Elementary Composition, and to continue taking the class until able to pass a satisfactory examination on the subject.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and physical education, except by previous arrangement with the Registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a 1.5 average must be maintained in all classes. The student will be asked to drop classes not kept up to standards. Under no circumstance does the College permit a student to carry more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies during the first two weeks of a regular semester with the consent of the instructor, the personal adviser, and the College Dean. Courses may be dropped during the first six weeks on the same basis. After the first six weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the Dean.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a

permit secured from the business manager, for which he is authorized to collect a fee of *three dollars*.

*Scholarship Reports.* Reports showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only after his account has been settled in full.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the College, without securing permission in advance from the Dean. No such permission can be granted for courses in the upper biennium. Credits earned in violation of this regulation will not be honored by the College. Credits earned by correspondence after failure in the same course at La Sierra College, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the College. Tutoring service is arranged by the staff, with the consent of the Academic Policies Committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the Federal Bureau of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college class. For further information as to attendance regulations the student is referred to the student handbook.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or three fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure or Wf) .....	minus 1
E (warning) (No grade higher than "D" in the course for the semester.)	
I (incomplete) (Becomes a failure if not removed within six weeks after the close of the semester.)	

Wp (withdrew passing)

Wf (withdrew failing)

# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including baccalaureate degrees. The College confers the degrees of Bachelor of Arts and Bachelor of Science.

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academics Policies Committee, in which the liberal arts pattern is not consistently followed.

The College also grants certificates to students completing junior college pre-professional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major or the minor.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium.

## THE BACCALAUREATE DEGREES

### *The General Requirements:*

A student who receives a Baccalaureate degree must fulfill certain prescribed requirements as to amount, grade, and distribution of work including:

1. The completion of all entrance requirements.
2. The completion of a total of 128 semester credit hours, (140 hours in Theology), of which forty must be in the upper biennium.
3. Honor points equal to the total number of credit hours, that is, a minimum over-all average of "C."
4. The Senior year's work taken in residence.\*

\* The residence requirement for degree candidates may be met by attending for two consecutive semesters with a minimum of twelve credit hours each semester, with at least eight hours in the major field and four hours in the minor field. Of the forty hours required in the upper biennium, twenty-four must be earned at La Sierra College during the period of candidacy. No credit will be given for freshman courses taken in the senior year.

5. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. No grade below "C" may be counted on either the major or the minor.

6. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.

7. The candidate has the choice of graduating according to the standards of either his junior or senior year.

8. Completion of the basic requirements for the Bachelor's degree.

### BACHELOR OF ARTS DEGREE

#### *Basic Requirements:*

Based upon the complete fulfilment of all college entrance requirements as listed on page 27.

1. Religion: 14 hours including four hours in Daniel and the Revelation and 4 hours in Bible Doctrines. A maximum of three hours in Religious History or Applied Theology may be included. Six hours must be in the upper biennium.

2. Education or Psychology: three hours. Principles of Education, Philosophy of Education or General Psychology.

3. English: fourteen hours including Freshman English and at least four hours of literature; may include four hours of Speech.

4. Foreign Language: six hours required of the student who pursues the same language in college in which he has completed two units in the secondary school. Fourteen semester hours required of the student who begins a new language in college.

5. Health: four hours, which may include a maximum of two hours in Physical Education or its equivalent. All freshmen and sophomores are required to enroll in Physical Education classes.

6. History: a six-hour course in one field. Students electing European Civilization must take 3 hours of American History and 2 hours of American Government to satisfy the state requirement for graduation.

7. Problems of College and Life: one hour, taken the first freshman semester.

8. Applied or Industrial Arts: six hours.

9. Science — Mathematics: 8 hours of which six must be in Science.

10. Fine Arts: four hours. The student may select Music Appreciation, Art Appreciation, Aesthetics, History of Music, and History of Art.

### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirement, which are not required.



## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1950-51, those without this mark will be offered in 1949-50 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement. The College reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying odd numbers and the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Courses carrying even numbers, and those with odd numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered from 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who have earned a minimum of sixty credit hours and who otherwise qualify for studies in the upper biennium.

The divisions are:

- I. RELIGION AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL STUDIES
- IV. LANGUAGE AND LITERATURE
- V. MUSIC AND ARTS
- VI. APPLIED ARTS
- VII. BUSINESS





# DIVISIONS OF INSTRUCTION

## I

### RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

J. CECIL HAUSSLER

ALGER F. JOHNS

WALTER F. SPECHT\*

THOMAS BLINCOE

*Major Requirements:* 38 hours, with a minimum of 15 hours in the upper biennium. Required courses: Bible Doctrines, Daniel and Revelation, New Testament Epistles, 3 hours, Old Testament Prophets, 3 hours, History of the Christian Church, 3 hours, and one of the Spirit of Prophecy courses. A maximum of 6 hours in Applied Theology and 6 hours in History of Religion will be counted toward a major. For THEOLOGY STUDENTS, see page 71.

*Minor Requirements:* 18 hours, including the basic requirements in religion and one of the Spirit of Prophecy courses. A minimum of 9 hours must be in the upper biennium.

#### RELIGION

##### 3a,b OLD TESTAMENT LIFE AND TEACHINGS

A careful study of the life, customs, and backgrounds of the Old Testament peoples with special emphasis on the development of their doctrines. Recommended as a preparatory study for Old Testament Prophets (109a,b).

Four Hours

##### 5a,b LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs.

Four Hours

##### 6a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 104a required of all students for graduation.

Two Hours

##### 8b REVELATION

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. This course or 106b required of all students for graduation.

Two Hours

**51ab BIBLE DOCTRINES**

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and his work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151ab required of all students for graduation. Six Hours

**54a EVIDENCES OF CHRISTIANITY**

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical and scientific fields. Two Hours

**56b SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only. Two Hours

**104a DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 6a required of all students for graduation. Two Hours

**106b REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon eschatology. This course or 8b required of all students for graduation. Three Hours

**109a,b OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First semester: Prophets of the Eighth century B.C.; second semester: Prophets of Judah, the Exile, and the Restoration.) Six Hours

**112a GIFT OF PROPHECY**

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. Three Hours

**132b ESCHATOLOGY**

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Prerequisite: 56b or 112a. Three Hours

**151ab FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51ab required of all students for graduation. Four Hours

**161a,b NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background and theological concepts. Six Hours

**171a,b PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation and immortality. Four Hours

## APPLIED THEOLOGY

## 58b JUNIOR EVANGELISM

The study and practice of dealing with children in bringing them to Christ. A consideration of methods and principles which are of value to parents, teachers, ministers, Sabbath School workers, and all interested in working with juniors.

Two Hours

## 114a PERSONAL EVANGELISM

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings. This course is designed especially to develop the art of personal service.

Prerequisite: 51ab.

Two Hours

## 116b PASTORAL COUNSELING

Christian Psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers.

Two Hours

## 118b BIBLE INSTRUCTOR EVANGELISM\*

A study of the work of the Bible instructor in connection with evangelism. The methods of the Master Teacher are considered. How to win individuals to Christ and establish them in the faith will be studied, as well as miscellaneous problems in connection with the ministry.

Two Hours

## 120a HOMILETICS

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches.

Three Hours

## 122b HOMILETICS

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc.

Three Hours

## 123a,b PUBLIC AND FIELD EVANGELISM

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.

Prerequisites: 51ab, 114a, and 120a.

Four Hours

## RELIGIOUS HISTORY

## 52a DENOMINATIONAL HISTORY\*

This course includes a brief survey of God's true church from Apostolic times with special emphasis on the origin and progress of the Remnant church and its spread into all nations of earth. Open only to students not having had Denominational History in the secondary school.

Two Hours

## 102a ARCHAEOLOGY\*

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements.

Two Hours

## 114a MISSIONS AND MISSION PROBLEMS

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements.

Three Hours

**124b MANUSCRIPTS OF THE BIBLE\***

A course showing God's particular care in preserving manuscripts, and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**127a,b HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on major or minor; second semester may not be applied on a minor. Six Hours

**BIBLICAL LANGUAGES**

*Minor Requirements:* 26 hours are required for a minor in Biblical languages with 12 hours in the upper biennium. For a minor in Greek, 20 hours are required, with 6 hours in the upper biennium.

**7ab BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John. Eight Hours

**55ab INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament. Six Hours

**129ab GREEK EXEGESIS\***

Reading and exegetical study of the Greek text of several New Testament Epistles; an introduction to the materials and methods of exegesis. May be used as religion credit. Six Hours

**131ab BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis. Six Hours

**138a (or b) HEBREWS AND NON-PAULINE EPISTLES\*\***

An exegetical study of the Greek text of Hebrews, and the epistles of Peter, James and Jude. Two Hours

**140a (or b) ADVANCED HEBREW\*\***

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and the Psalms. (As arranged) One-Two Hours

**199 PROJECTS AND TOPICS IN DIVISION I.**

One-Two Hours



## II

### SCIENCE AND MATHEMATICS

L. E. DOWNS, *Chairman*

J. L. THOMPSON

LOUIS C. PALMER

L. E. CUSHMAN

JAMES RIGGS

MAUDIE BRYAN

J. DEE LANSING

ROLAND D. WALTERS

### BIOLOGY

*Major Requirements for Biology:* 30 hours, 18 of which must be in the upper biennium. The following courses are required: General Zoology, General Botany, Embryology, Genetics and Philosophy of Science; also General Inorganic Chemistry and General Physics, or Physical Science Survey.

*Minor Requirements for Biology:* 18 hours, of which 9 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

#### 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics, with laboratory study and dissection of invertebrate and vertebrate animals representative of the principal groups of the animal kingdom. Laboratory work, three hours each week. Prerequisites: Academy or high school biology, chemistry or physics.

Six Hours

#### 2a HUMAN ANATOMY

A course devoted to the study of the structure of the human body; designed to lay the foundation for the study of physiology. Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts and diagrams. Laboratory work, three hours each week. Primarily for preparatory nurses.

Four Hours

#### 4b HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems.

Two Hours

#### 6b MICROBIOLOGY

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeasts, and molds, and their relation to disease. Laboratory work three hours a week which includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds. Designed primarily for preparatory nurses.

Four Hours

**12b BIOLOGICAL SCIENCE SURVEY**

A general survey of the field of biological science with emphasis on fundamental biological principles, nature study, and health.

Three Hours

**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

Laboratory and field work to illustrate the material covered in 12b.

One Hour

**51ab GENERAL BOTANY**

An introduction to the basic morphology and physiology of plants. A survey of the plant kingdom and study of representative plants. Laboratory work three hours each week including the microscopic study of plants and plant structures as studied in class. Study of living specimens, and collection and classification of flowering plants.

Six Hours

**54a MAMMALIAN ANATOMY**

Study and class discussion on the anatomy of a typical mammal. Dissection of the cat in laboratory. Three hours each week. Prerequisite: lab or equivalent.

Two Hours

**102b EMBRYOLOGY**

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory work three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**107ab ADVANCED PHYSIOLOGY**

A more detailed and advanced study of the human body than is offered in 4b.

Four Hours

**110a PLANT ECOLOGY\*\***

Study of the factors influencing distribution of plants and their inter-relationships.

Prerequisite: 51ab or equivalent.

Two Hours

**112b ANIMAL ECOLOGY\*\***

The study of animals in relationship to their environment and factors influencing their distribution.

Prerequisites: lab or its equivalent and 110a.

Two Hours

**116a COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates, with laboratory work six hours each week.

Prerequisite: lab or equivalent.

Four Hours

**118a GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.

Prerequisite: lab or equivalent.

Three Hours

**120b PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species.

Three Hours

**170b FIELD ECOLOGY\*\***

A field study of the major ecological formations of Southern California. Given during the summer.

Prerequisites: lab, 12b, or 51ab.

Three Hours

**181a,b BIOLOGY SEMINAR**

Meets once each week for reports on current biological literature and on other topics as may be assigned. Open to junior and senior biology majors and minors.

Two Hours

**199 SPECIAL PROBLEMS**

Open to upper division biology majors who wish to study some special topic or do some original research as arranged with the head of the department.

One - Two Hours

## CHEMISTRY

*Major Requirements for Chemistry:* 30 semester hours with a minimum of 18 hours in the upper biennium including General Inorganic Chemistry, Quantitative Analysis, Organic Chemistry, and Physical Chemistry.

*Minor Requirements for Chemistry:* 18 hours with at least 9 hours in the upper biennium including General Inorganic Chemistry and Organic Chemistry.

## 1ab GENERAL CHEMISTRY

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A brief survey of Qualitative Analysis using semimicro methods included in second semester's work. Laboratory: One three-hour period per week.

Prerequisite: Academy or high school chemistry or physics.

Eight Hours

## 3ab CHEMISTRY FOR NURSES

Designed for the student in preparatory nursing. First semester's work: inorganic chemistry; second semester's work: organic chemistry and chemistry of life processes. Special attention given to fields of nursing and medicine. Laboratory: One three-hour period per week.

Prerequisite: Academy or high school chemistry or physics. Six Hours

## 50a (or b) QUANTITATIVE ANALYSIS

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Laboratory: Two three-hour periods per week.

Prerequisites: 1ab and at least three hours of college mathematics.

Four Hours

## 115ab ORGANIC CHEMISTRY

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions. Laboratory: One three-hour period per week.

Prerequisite: 1ab.

Six Hours

## 120a QUALITATIVE ANALYSIS

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a.

Three Hours

## 130b QUANTITATIVE ANALYSIS

Similar to 50a but more advanced in scope. Special as well as general analytical methods employed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a.

Three Hours

## 134b BIOCHEMISTRY

A survey of the chemistry of the physiological processes of the human body. Laboratory: One three-hour period per week.

Prerequisites: 50a, 115ab.

Four Hours

## 155ab PHYSICAL CHEMISTRY

A survey of the fundamental physico-chemical concepts and laws. Laboratory: One three-hour period per week.

Prerequisites: 50a, Physics 51ab, Mathematics 8b or preferably 78ab.

Six Hours

## 160a CHEMICAL LITERATURE

A supervised approach to the literature of chemistry. Open to senior chemistry majors.

One Hour

## 199 PROJECTS AND TOPICS

Open to senior chemistry majors who wish to study a problem of suitably limited scope under supervision.

One-Two Hours

## PHYSICS

*Major Requirements for Physics:* 30 semester hours, with a minimum of 15 hours in the upper biennium, including Modern Physics I and II, Colloquium, and Projects (199).

*Minor Requirements for Physics:* 18 semester hours, with at least 9 hours in the upper biennium, including Modern Physics I and II.

## 14a PHYSICAL SCIENCE SURVEY

An introduction to the fundamentals of astronomy, physics, and chemistry and their applications in daily life. Three Hours

## 14aL PHYSICAL SCIENCE SURVEY LABORATORY

Laboratory to accompany 14a. One Hour

## 16a RADIO I

An elementary study of radio circuits and the application of vacuum tubes to such circuits. May be used for science or applied arts credit, but may not be applied toward a physics major or minor. Includes class and laboratory. Three Hours

## 17ab AERONAUTICS I

An elementary study of aircraft aerodynamics, aircraft engines, meteorology, navigation, radio communication and civil air regulations. Comprises the material of basic ground school. May be used for applied arts but not science credit. Three Hours

## 18b RADIO II

A study of the radio station: receivers, transmitters and antenna systems. Includes class and laboratory. May be applied toward physics major. Prerequisite: 15a or equivalent. Three Hours

## 51ab GENERAL PHYSICS

Mechanics, heat, sound, electricity and light, modern physics. Three hours class and one hour laboratory each semester. Prerequisites: Math. 6a and 8b, and high school chemistry or physics. Eight Hours

## 101a,b MODERN PHYSICS I AND II

A study of sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second. Six Hours

## 106b HEAT AND THERMODYNAMICS\*\*

Heat transmission, kinetic theory, change of state, specific heats, elementary thermodynamics. Three hours class and one hour laboratory. Prerequisites: 51ab and Calculus. Four Hours

## 111a,b ELECTRONICS I AND II

A study of electron tubes and their associated circuits, with applications. Two hours class and one hour laboratory each semester. The first semester is a prerequisite to the second. Prerequisites: 51ab and Calculus. Six Hours

## 158b ELECTRICITY AND MAGNETISM\*\*

Electric and magnetic fields, circuits having resistance, capacitance and inductance. Three hours class and one hour laboratory. Prerequisites: 51ab and Calculus. Four Hours

## 164a SOUND\*\*

Wave motion in material media, physics of music, acoustics, sound reproduction. Prerequisites: 51ab and Calculus. Three Hours



**168a LIGHT\*\***

Wave motion, diffraction and interference, polarization, refraction and reflection. Three hours class and one hour laboratory.

Prerequisites: 51ab and Calculus

Four Hours

**178a (or b) ADVANCED PHYSICAL MEASUREMENTS**

Formal laboratory work in upper division physics.

Prerequisite: An upper division course in the same subject and consent of the head of the department. May be repeated for credit.

One Hour

**188a (or b) COLLOQUIUM**

Student reports and discussion of current research and physics applications. Limited to upper division majors and minors. May be repeated for credit.

One Hour

**199 PROJECTS AND TOPICS IN PHYSICS**

Experimental and library study of a specific problem under the direction of a staff member. Limited to upper division majors and minors.

One - Two Hours

## MATHEMATICS

*Minor Requirements:* Differential and Integral Calculus and enough other courses to give a total of 18 hours, including 9 hours of upper division mathematics.

**6a INTRODUCTORY COLLEGE MATHEMATICS**

Brief review of high school algebra with additional topics of particular interest to science students; fundamentals of computational trigonometry. Not counted toward mathematics major or minor.

Three Hours

**8b MATHEMATICAL PREPARATION FOR PHYSICAL SCIENCE**

Plane analytic geometry; familiarization with methods of formal differentiation and integration.

Prerequisite: 6a or equivalent high school courses in mathematics.

Three Hours

**50a ADVANCED ALGEBRA\*\***

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations.

Prerequisite: 6a or equivalent.

Three Hours

**79ab CALCULUS**

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics.

Prerequisite: 8b.

Six Hours

**100a ADVANCED TRIGONOMETRY\*\***

Additional work in plane trigonometry; the solution of spherical triangles.

Prerequisites: 6a, 8b.

Two Hours

**102b ADVANCED ANALYTIC GEOMETRY**

Advanced topics in plane analytic geometry, and solid analytic geometry.

Prerequisite: 8b or equivalent.

Three Hours

**104a THEORY OF EQUATIONS\*\***

Elementary theory of algebraic equations; determinants.

Prerequisite: 50a.

Two Hours



- 110a **ADVANCED CALCULUS**  
More advanced topics in calculus and an introduction to ordinary differential equations.  
Prerequisite: Math. 79ab. Three Hours
- 112b **DIFFERENTIAL EQUATIONS**  
Methods of solution of ordinary differential equations.  
Prerequisite: Math. 110a. Three Hours
- 170b **ANALYTIC MECHANICS\*\***  
An introduction to the methods of mathematical physics; statics, kinematics and dynamics of particles and rigid bodies; vectors.  
Prerequisites: Physics 51ab and Math. 112b. Three Hours

### PHYSICAL EDUCATION

- 7a,b **PHYSICAL EDUCATION** One-Half Hour
- 17a (or b) **SWIMMING**  
Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving. One-Half Hour
- 51a,b **PHYSICAL EDUCATION** One-Half Hour
- 60b **WATER SAFETY**  
The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool.  
Prerequisite: 17a or equivalent ability. One Hour
- 64a (or b) **INDIVIDUAL ACTIVITIES**  
Designed to promote interest and skill in recreational activities that will carry over and be useful in later life. One-Half Hour
- 70a (or b) **CORRECTIVE PHYSICAL EDUCATION**  
Exercises for correcting minor functional and structural defects; emphasis on posture; importance of relaxation; health and posture problems for elementary, secondary, and college grades. Two Hours

### HEALTH AND NURSING

- 2a **HISTORY OF NURSING**  
A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems. Three Hours
- 6a **FIRST AID**  
This class covers the material in the Red Cross Standard First Aid Course, bandaging and some of the medical aspects of modern chemical warfare. Designed to meet the requirements for first aid and bandaging for the Medical Cadet Corps. Open to all students. Two Hours
- 10a **HOME HYGIENE**  
A course in simple nursing procedures, first aid and disease prevention applied to actual home conditions. Demonstration and practice will be given in a one-hour laboratory. Two Hours
- 50b **HEALTH PRINCIPLES**  
A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. Two Hours

**105a INTRODUCTION TO NURSING EDUCATION**

A survey of the growth and development of nursing education from the past to the present time.

Two Hours

**148a WARD MANAGEMENT**

A survey of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management.

Two Hours

**150b SUPERVISION IN NURSING**

A study of the fundamentals and principles of supervision in the hospital or sanitarium unit, including discussion of some of the more common problems of supervision.

Two Hours

**154a CURRICULUM CONSTRUCTION**

A study of the principles used in curriculum construction and revision in a school of nursing.

Two Hours

**155ab CURRENT TRENDS IN NURSING**

A survey of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses.

Two Hours

**156a COMPARATIVE NURSING PRACTICE**

Comparative study and evaluation of current nursing procedures.

Two Hours

**158b TEACHING IN SCHOOLS OF NURSING**

A study of the basic principles and methods of teaching as applied to nursing.

Two Hours

**160b ORGANIZATION AND ADMINISTRATION OF SCHOOLS OF NURSING**

A course which is designed to give the student some knowledge of the fundamental principles of organization and administration of a school of nursing. Content of the course includes study of aims, policies, and budget of the school of nursing, selection of faculty and students, administration of the educational and health programs, and essential records.

Two Hours

### III

## SOCIAL STUDIES

W. J. AIREY, *Chairman*

MAYBEL JENSEN

G. T. SIMPSON

C. D. STRIPLIN

## HISTORY

*Major Requirements:* 30 hours, of which a minimum of 15 hours must be in the upper biennium. Required courses: European Civilization and American History. American Government may not be counted on the major or the minor.

*Minor Requirements:* 18 hours, with a minimum of 9 hours in the upper biennium. Required courses: either European Civilization or American History.

### 61a,b EUROPEAN CIVILIZATION

A history of European culture from the beginning of the Christian Era to the War of 1914-1918. Six Hours

### 91a,b AMERICAN HISTORY

The social, constitutional, and political development of the United States from the period of colonization to the present. Six Hours

### 104a THE ANCIENT WORLD

The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history. Two Hours

### 106b THE ROMAN WORLD

The Republic and Empire to the Fall of Rome. Two Hours

### 107a,b BRITISH CIVILIZATION

England and the Empire to the present. Six Hours

### 110a THE RENAISSANCE

An intensive study of the economic, literary and artistic developments of the period. Two Hours

### 112b THE REFORMATION

The revolt against Rome and medievalism, and the rise of the Protestant Church. Two Hours

### 114a FRENCH REVOLUTION AND NAPOLEON\*

The social and political forces of the era of revolution to 1815. Three Hours

### 116a EUROPE, 1815-1870\*

Europe from 1815 to 1870. Two Hours

### 118b EUROPE, 1870-1914\*

The political, economic, and cultural changes in Europe 1870 to 1914. Two Hours

## 120b EUROPE SINCE 1914\*

From war to war in Europe.

Three Hours

## 122a THE AMERICAN WEST\*

The exploration and settlement of the American West. Statehood and progress in the western United States.

Two Hours

## 124b CALIFORNIA HISTORY\*

The history of California during the Spanish and American periods down to the present.

Two Hours

## 130a CIVIL WAR

The causes for and campaigns of the Civil War.

Two Hours

## 132b RECONSTRUCTION

The political and economic problems of the reconstruction of the South.

Two Hours

## 141a,b AMERICAN DIPLOMATIC HISTORY\*

Developments in American diplomatic history from the Revolution to the present.

Four Hours

## POLITICAL SCIENCE

## 56a (or b) THE AMERICAN NATIONAL GOVERNMENT

Typical political institutions of the American national government and its branches. This course meets the state requirement for American Constitution.

Two Hours

## 58b AMERICAN STATE AND LOCAL GOVERNMENT\*

The study of the characteristics of state and local government in the United States.

Two Hours

## 126a COMPARATIVE GOVERNMENT\*

Analysis of contemporary political forms.

Two Hours

## GEOGRAPHY

## 2b PRINCIPLES OF GEOGRAPHY

The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship.

Three Hours

## ORIENTATION

## 2a PROBLEMS OF COLLEGE AND LIFE

Educational and vocational planning, study methods, analysis of interests and aptitudes, social problems. Required of first year college students.

One Hour

## SOCIOLOGY

## 62b FUNDAMENTALS OF SOCIOLOGY

An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems.

Three Hours

## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the Department of Education of the General Conference, for teacher certification. This includes a minimum of 15 hours in professional education. Three hours of directed teaching is required, either in the major or minor field.

### 6a (or b) GENERAL PSYCHOLOGY

Required but may not be applied on the minor.  
(See Elementary Education Section.)

### 10a PRINCIPLES OF EDUCATION

(See Elementary Education Section.)

### 100a PSYCHOLOGY OF ADOLESCENCE

The course will deal with the most significant problems in child and adolescent development, with special emphasis upon the psychological principles that govern their behavior.

Two Hours

### 102b AUDIO-VISUAL AIDS IN INSTRUCTION

A course designed to acquaint the student with the various audio-visual aids as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment.

Two Hours

### 110b PHILOSOPHY AND HISTORY OF EDUCATION

An advanced course stressing the principles of Christian education as outlined in *Counsels to Teachers*, *Fundamentals of Christian Education* and *Education*.

(Not open to students taking 10a.)

Three Hours

### 124b EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures.

Prerequisite: 6a.

Three Hours

### 150a PRINCIPLES AND METHODS OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and means for measuring their outcomes.

Prerequisite: 6a or 124b.

Three Hours

### 152b PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization and aims in the educational, vocational and general guidance of students on the elementary and secondary level.

Prerequisites: 100a or 124b.

Two Hours

### 154a TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation and interpretation of standard tests, as they pertain to the elementary and secondary grades.

Prerequisite: 6a or 124b.

Two Hours



**160a SCHOOL HOMES ADMINISTRATION**

A course dealing with the objectives, problems, organization and administration of the school home. Emphasis placed upon the fostering of spiritual and cultural ideals and leadership in the light of recent developments in the field of personnel work.

Two Hours

**182a SPECIAL METHODS IN SECONDARY TEACHING**

Music — (See Music History and Literature)

Music and Art Section — 182a.

Two Hours

Typewriting and Shorthand — (See Secretarial Science) 182a.

Two Hours

Home Economics — (See Home Economics) 182a.

Two Hours

Woodcraft, etc. — (See Applied Arts, Shop) 182a.

Two Hours

**184b OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL**

The student teacher observes, participates in class activities, makes lesson plans and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the College department of Secondary Education.

Prerequisite: 182a or 150a.

Three Hours

**ELEMENTARY TEACHER EDUCATION**

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree. Modern language is not required of students who select English as one of the required minors, and who present two units of modern languages on the secondary level.

*Minor Requirements:* Two minors of 18 hours each, of which a minimum of 9 each must be in the upper biennium.

**Specific Requirements:**

Education Courses:	Hours
Principles of Education .....	3
Technique of Teaching and Management.....	3
Procedures of Teaching .....	6
Directed Teaching .....	8
Tests and Measurements .....	2
Philosophy and History of Education .....	3
Principles of Guidance .....	2
Audio-visual Aids in Instruction .....	2
Psychology:	
General Psychology .....	3
Educational Psychology .....	3
Psychology of Adolescence .....	2

**1a (or b) GENERAL PSYCHOLOGY**

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major.)

Three Hours

**0a PRINCIPLES OF EDUCATION**

Stresses thoroughly the principles of education as outlined in the books, *Education*, *Fundamentals of Christian Education*, and *Counsels to Teachers*.

Three Hours

**16a TEACHING MUSIC IN THE ELEMENTARY SCHOOL**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. (See Department of Music.) Two Hours

**51ab TEACHING I**

Observations, readings, and discussions of some of the various aspects of classroom situations, including story-telling, which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching. Two Hours

**52a TEACHING TECHNIQUE AND MANAGEMENT**

A course designed to give the prospective teacher a practical knowledge of the philosophy, principles, and procedures involved in the teaching process, with special emphasis on the problems of management and organization related to classroom teaching. Three Hours

**56b ARITHMETIC IN ELEMENTARY EDUCATION**

A course for teachers of arithmetic in the first eight grades. Attention is given to drill, speed, and accuracy in the useful aspects of the work. The course carries a subject-matter grade of B requirement. Two Hours

**58b CHILD GROWTH AND DEVELOPMENT**

A course planned to deal with a study of the mental, emotional, social, and physical development during childhood. Directed observation and participation in playground activities required. Two Hours

**100a PSYCHOLOGY OF ADOLESCENCE**

(See Secondary Education Section.)

**102b AUDIO-VISUAL AIDS IN INSTRUCTION**

A course designed to acquaint the student with the various audio-visual aids as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment. Two Hours

**110b PHILOSOPHY AND HISTORY OF EDUCATION**

An advanced course stressing the principles of Christian education as outlined in *Counsels to Teachers, Fundamentals of Christian Education and Education*. Three Hours

**124b EDUCATIONAL PSYCHOLOGY**

A survey of the various psychological processes important to learning and its management with special emphasis upon the significance of psychology in various teaching procedures. Three Hours

**151ab TEACHING II**

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor, and a directing teacher. Prerequisite: Satisfactory achievement in the standard school subjects. No grade below a C is acceptable for credit in directed teaching. An average of C in all college work is required for admittance and continuance of directed teaching. Three Hours

**152b PRINCIPLES OF GUIDANCE**

(See Secondary Education Section.)

**154a TESTS AND MEASUREMENTS**

(See Secondary Education Section.)

## 155ab PROCEDURES OF TEACHING IN THE ELEMENTARY SCHOOL

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, arithmetic, language, arts and social studies.

Four Hours

## 181a,b TEACHING III\*

A study will be made of the entire, elementary school program, selection, organization and evaluation of curricular material, and teaching procedures, including comprehensive teaching as part of the laboratory work.

One - Four Hours

## 199 PROJECTS IN DIVISION III

One - Two Hours

\*At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.

## IV

### LANGUAGE AND LITERATURE

MABEL CURTIS ROMANT, *Chairman*

MARGARETE AMBS

WALTER B. CRAWFORD

WALTER T. CRANDALL

LILLIAN BEATTY

HOPE H. HAYTON

### ENGLISH

*Major Requirements:* 30 hours in addition to English 1ab, with a minimum of 15 hours in the upper biennium. Specific requirements for the major are as follows (credit hours in parentheses): English 51a,b(4); 61a,b(6); 100a(3); and a total of at least 8 hours in the 160 and 170 courses including 176b(2). Related courses required: 6 hours in American History and 6 hours in English History.

*Minor Requirements:* 18 hours in addition to English 1ab, with a minimum of 9 hours in the upper biennium. Specific requirements for the minor are as follows (credit hours in parentheses): English 51a,b(4); 61a,b(6). Related courses required: either 6 hours in American History or 6 hours in English History.

#### AB ELEMENTARY COMPOSITION

Designed to perfect the student's knowledge of spelling, grammar, punctuation, and sentence structure. A four-hour course required of all first year students who do not pass the English Placement Test. The student will also enroll in English 1ab with the same teacher. Fee: \$20.00 each semester. No Credit

#### 1ab FRESHMAN ENGLISH

1a Training in writing and reading.

1b An introduction to the study of literature, with further training in writing.

English 1ab is prerequisite to any other course in English. Six Hours

#### 51a,b INTRODUCTION TO AMERICAN LITERATURE

A study of the more important aspects of the history of American literature and of typical work of the more significant authors from the seventeenth century to the twentieth century.

Prerequisite to English 150a.

Four Hours

#### 61a,b INTRODUCTION TO ENGLISH LITERATURE

A study of the more important aspects of the history of English literature and of the typical work of the more significant authors from the fourteenth century to the twentieth century.

Prerequisite to all courses numbered in the 160's and 170's, except as otherwise noted.

Six Hours

#### 71a,b MASTERPIECES OF WORLD LITERATURE

Lectures and readings in great works of the world's literature.

Four Hours

## 100a METHODS AND MATERIALS OF LITERARY CRITICISM

Explication and evaluation of literary texts and study of the various principles of literary judgment. Three Hours

## 105a,b ADVANCED COMPOSITION

Advanced study of the principles of effective composition; practice in creative writing by types. Six Hours

## 110b CURRENT ENGLISH

A study of current grammatical usage, with some historical consideration, for perspective, of patterns, change, and growth in the English language. Recommended especially for students planning to teach. Three Hours

## 150a MASTERS OF AMERICAN LITERATURE

Open only to students who have taken English 51a,b. Three Hours

Except as noted below, the 160 and 170 courses are open only to students who have taken English 61a,b. The courses will consist of readings, discussions, and critical writing. English majors are required to take at least 8 hours in the 160 and 170 courses, including 176b(2).

## 160a THE SEVENTEENTH CENTURY

Three Hours

## 162b THE RESTORATION AND THE EIGHTEENTH CENTURY

Three Hours

## 164a THE ROMANTIC POETS

Three Hours

## 166b THE VICTORIAN POETS

Three Hours

## 170b THE ENGLISH BIBLE AS LITERATURE

A study of the Bible as a work of literary art.

Prerequisite: either 61a or 61b. This course will not be accepted as part of the literature requirement for a B.A. degree. Three Hours

## 174a NINETEENTH CENTURY PROSE

Two Hours

## 176b MILTON

## JOURNALISM

Courses in Journalism are designed for students interested in writing as a career; for free-lance writers; and for ministerial students who desire training for the growing press and public relations program of the denomination. (Journalism courses are not accepted as part of the English major or minor.)

## 55ab NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper mechanics. Four Hours

## 107a,b FEATURE AND MAGAZINE ARTICLE WRITING

107a: Practice in preparing and selling the periodical article on selected subjects, and a study of writing requirements for the religious press.

107b: Practice in preparing and selling special articles for newspapers and magazines, and a study of writing requirements for the secular press. Four Hours

## SPEECH

*Major Requirements:* 30 hours in addition to Fundamentals of Speech 3ab, of which 18 hours must be in the upper biennium. The required courses will be determined in conference with the major



professor of speech. Homiletics 120a, and 122b are recommended. An Introduction to English Literature 61a,b is required as a supporting course. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* 18 hours in addition to Fundamentals of Speech 3ab, 9 hours of which must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Brush Soundmirror. The speech room is suggestive of a small auditorium.

### 3ab FUNDAMENTALS OF SPEECH

The principles of correct speech are studied, and special attention is given to tone drills, articulation, and proper poise and use of the body in various speech situations. Four Hours

### 4a PUBLIC PROCEDURE

A study of the principles and practices of parliamentary law and usage. Students are taught to conduct business meetings with ease. Two Hours

### 6b VOICE AND DICTION

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue. Two Hours

### 50a ORAL READING

A study of the underlying principles of smooth, effective reading from the printed page and from memory. Three Hours

### 91a,b SPEECH CHOIR

Interpretation through choral reading develops greater appreciation of poetry and of many Biblical passages. It trains the individual in accurate, distinct speaking habits. May not be audited. Two Hours

### 130a ORAL INTERPRETATION

Principles and practice in the interpretation of the best in literature, with suggestions as to the correct manner of public presentation in a unified and spontaneous response of body and voice. Three Hours

### 132b ORAL INTERPRETATION OF THE BIBLE

A study of the principles of effective oral Bible reading with practice in platform presentation. Three Hours

### 133a,b RADIO SPEAKING

Both the theory and practice of radio broadcasting are studied. Special emphasis is placed upon radio diction and voice control. A public address system and recording machine make the work of this class practical.

Radio Speaking a is prerequisite to Radio Speaking b.  
Prerequisites: 3ab, 6b, or 91a,b.

Four Hours

### 138a THE SHORT SPEECH\*

The organization and delivery of the short speech for various occasions. A practical course for every student. Three Hours

### 140b PERSUASIVE SPEAKING\*

A study of the art of persuasion and its influence upon behavior. Various forms of discussion are studied and used. Three Hours

**142b SEMINAR IN SPEECH PROBLEMS**

A discussion of methods and aims of speech training in the grades, in secondary schools, and in colleges. Two Hours

**145a,b ADVANCED PUBLIC ADDRESS**

Composition and delivery of public addresses. Effective extemporaneous speaking and techniques for influencing human behavior through speech. Six Hours

**170a (or b) SENIOR RECITAL**

The presentation of a credible public recital of one hour in length, or participation in a senior public recital. One or Two Hours

**PRIVATE LESSONS IN SPEECH**

Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. This course is beneficial to both singer and speaker. One lesson a week as arranged (time by appointment). One Hour

**LIBRARY SCIENCE****59ab LIBRARY SCIENCE**

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student. Four Hours

**MODERN LANGUAGES**

All freshmen and new students planning to enter a language course above the beginning year will be given a placement test to determine their classification.

Before enrolling in a course numbered 100 or above a student must have completed 12-14 hours or the equivalent of one language.

*Major Requirements:* (French only) 30 hours above Beginning French or the equivalent with twenty semester hours of upper biennium courses. The latter courses must include 124a, 144a, 145ab, and 140a. English 50a, 52b and Social Science 41ab are recommended as collateral courses.

*Minor Requirements:* 18 hours above the beginning course or its equivalent with at least 9 semester hours in the upper biennium. Education 182a and 184b are recommended for students planning to teach a language.

**FRENCH****5ab BEGINNING FRENCH**

An introductory study of grammar, pronunciation, reading, composition, and oral practice. One-half to one hour of laboratory practice may be required depending on the individual needs. Eight Hours

**53ab INTERMEDIATE FRENCH**

A continuation of 5 ab. A grammar review with readings from standard French authors.  
Prerequisite: 5ab, or equivalent. Six Hours

**55a,b FRENCH COMPOSITION AND CONVERSATION**

For students who desire to gain proficiency in speaking and writing.  
May be taken concurrently with 53ab.  
Prerequisite: 5ab, or equivalent. Four Hours

**101a,b FRENCH CONVERSATION**

Intensive practice in speaking French. Four Hours

**110a ORAL RAPID READING**

A course designed to give practice in reading. Two Hours

**112b READING OF FRENCH AUTHORS**

Recommended for those planning to study French Literature. Two Hours

**124a FRENCH LITERATURE TO THE 19TH CENTURY**

The main current of French Literature from the Chanson de Roland to the Romantic period. Three Hours

**126b FRENCH LITERATURE OF THE CLASSIC PERIOD**

A study of the historical background, the authors, and their works in the classic era of French Literature. Three Hours

**140a THE ROMANTIC MOVEMENT\***

A study of the Romantic Movement in France including such authors as Chateaubriand, Lamartine, Hugo, and others. Two Hours

**142b MODERN FRENCH WRITERS\***

The beginnings of realism to contemporary authors. Two Hours

**144a FRENCH PRONUNCIATION**

A thorough study of the fundamental principles of French pronunciation. Two Hours

**145ab GRAMMAR AND COMPOSITION**

Required of all majors, recommended for minors. Four Hours

**146b FRENCH CIVILIZATION\***

A study of the customs and culture of France and their contribution to world culture. Two Hours

**SPANISH****61ab INTERMEDIATE SPANISH**

A review of grammar with readings from Spanish and Spanish-American authors.  
Prerequisite: Beginning College Spanish or the equivalent. Six Hours

**63ab ELEMENTARY COMPOSITION AND CONVERSATION**

Designed for the Spanish student wishing proficiency in speaking and writing Spanish. May be taken concurrently with 61ab. Four Hours

**130a COMPOSITION AND CONVERSATION**

Recommended for teaching minors. Two Hours

**132b GRAMMAR AND COMPOSITION**

Recommended for teaching minors. Two Hours

**150a SPANISH CIVILIZATION**

A study of the culture of Spain and its influence on the cultures of the world. Two Hours

**154a SPANISH LITERATURE TO THE 19TH CENTURY**

A study of the main currents in Spanish Literature from the Middle Ages to the 18th Century with the stress on El Siglo de Oro. Two Hours

**156b SPANISH LITERATURE OF THE 19TH CENTURY**

A study of the important authors and their works during the 19th century. Two Hours

**158a SPANISH AMERICAN LITERATURE\***

A study of the trends in Spanish Literature up to the contemporary authors. Two Hours

**GERMAN****7ab BEGINNING GERMAN**

An introductory study of grammar, pronunciation, reading, composition, and oral practice. Eight Hours

**59ab INTERMEDIATE GERMAN**

A continuation of 7ab.

Prerequisite: 7ab or equivalent.

Six Hours

**60a SCIENTIFIC GERMAN**

Readings in scientific German especially arranged for students interested in the sciences. 59ab recommended as prerequisite. Two Hours

**62b READING OF GERMAN AUTHORS**

Recommended for students wishing to study German Literature. May be taken concurrently with 59b. Two Hours

**104a GERMAN CONVERSATION**

Intensive practice in German pronunciation and every-day conversation. Two Hours

**108b ADVANCED PROSE COMPOSITION**

A brief grammar review with a great deal of practice in writing.

Two Hours

**120a SURVEY OF GERMAN LITERATURE**

A study of the main movements and authors from the beginnings of German Literature and their works. Three Hours

**121ab GERMAN CLASSICISM\***

A study of the important authors of the classical period in German Literature and their works. Four Hours

**124b THE ROMANTIC MOVEMENT\***

A study of the works and authors of the romantic period. Two Hours

**TEACHING OF MODERN LANGUAGE**

For description of these courses, turn to Education 182a, 184b.



## V

### MUSIC AND ART

H. B. HANNUM, *Chairman*

CHLOE ADAMS SOFSKY

JOHN T. HAMILTON

ALFRED WALTERS

EDNA FARNSWORTH

ELLEN SHORT

ESTHER KUNAU

RALPH PIERCE

### MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History and Literature, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History and Literature, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History and Literature, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Church Music and Hymnology, 4 hours; Voice, Choral Organizations and Conducting, 8 hours.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a baccalaureate degree.

### APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

(1) A minimum of 15 lessons per semester, with five hours of practice a week, for one hour of credit; (2) A satisfactory semester examination must be passed; (3) Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The granting of college credit in applied music presupposes the fulfillment of prerequisites as follows:



*Piano:* The student should be able to play all the major and minor scales correctly and in moderate tempo. He should be able to perform some of the Bach Little Preludes, Two-part Inventions, the easier sonatas of Mozart and Haydn, and compositions of about the fourth grade of difficulty.

*Organ:* The same as Piano.

*Voice:* The student should be able to read a simple song at sight, and should have a knowledge of the rudiments of music. Some knowledge of the piano is highly desirable.

*Violin:* The student should be able to play from memory the following scales and arpeggios, compass two octaves, in moderate tempo: the major and melodic minor scales from G to D, detached bowing, one note to a bow, slurred bowing, four notes to a bow; the major and minor arpeggios from G to D, detached bowing, one note to a bow, slurred bowing, three notes to a bow. He should have mastered all or most of the following studies, or others of like standard: Sevcik, *Op. 6*, Parts 1-6; Wohlfahrt, *Op. 45*, Book I; *Op. 74*, Book I; Kayser, *Op. 20*, Book I; Dont, *Op. 38*.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b ELEMENTARY PIANO

This is an introductory course in piano to train students in hymn playing and sacred music. Credit does not apply on a music major.

Two Hours

#### 21a,b APPLIED MUSIC (First Year)

Credit to be arranged

#### 55a,b APPLIED MUSIC (Second Year)

Credit to be arranged

#### 81a,b SOLO CLASS

Required of all students in applied music who receive credit. The performance of music by students and teachers to give students a better understanding of a wide repertoire of music.

No Credit

#### 117a,b APPLIED MUSIC (Third Year)

Credit to be arranged

#### 119a,b APPLIED MUSIC (Fourth Year)

Credit to be arranged

#### 120a (or b) REPERTOIRE CLASS

One Hour

#### 170a (or b) SENIOR RECITAL

The presentation of a creditable public recital approved by the music faculty.

One or Two Hours

## THEORY

## 2a ELEMENTS OF MUSIC†

The study of the rudiments of music, diction, sight-singing and ear-training. Primarily for students without any previous music training.

Two Hours

## 5ab THEORY I

A thorough study of the fundamentals of musicianship — chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony.

Six Hours

## 53a,b THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing.

Prerequisite: 5ab.

Six Hours

## 57a,b SIGHTSINGING

Thorough drill in intonation, rhythm, music reading, and voice quality. A preparation for choir or ensemble singing. Three class periods a week.

Two Hours

## 100a MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms.

Prerequisite: 5ab.

Two Hours

## 102b ANALYTIC HARMONY

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages.

Prerequisite: 5ab.

Two Hours

## 104a MODAL COUNTERPOINT

A study of the principles of the 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style.

Prerequisite: 5ab.

Two Hours

## 106b TONAL COUNTERPOINT

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions.

Prerequisite: 5ab.

Two Hours

## 107a,b MUSIC COMPOSITION

Practice in writing original compositions in the smaller forms.

Prerequisites: 5ab, 53a,b.

Four Hours

## 108a ORCHESTRATION

A study of the instruments of the orchestra; arranging music for the orchestra.

Prerequisites: 5ab, 53a,b.

Four Hours

## MUSIC HISTORY AND LITERATURE

## 63a,b MUSIC APPRECIATION

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

† May not be counted toward the major or minor requirements in music.

**109a,b HISTORY OF MUSIC**

A chronological study of the various periods in the development of music from the earliest times to the present.

It is desirable that students have an elementary knowledge of theory and music fundamentals before enrolling in this course. Four Hours

**110a CHURCH MUSIC**

A survey of the various types of church music, including a study of hymn-tunes, their background and history and their use in the services of the church. Two Hours

**112b HYMNOLOGY**

A study of the hymns and hymn-writers of the church, and the effective use of hymns in worship. Two Hours

**6b ELEMENTARY CONDUCTING†**

Fundamental rules and practice in conducting congregational singing. Two Hours

**16a TEACHING MUSIC IN THE ELEMENTARY SCHOOL†**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. Two Hours

**121a,b ADVANCED CHORAL CONDUCTING†**

A review of the principles of conducting. The practical use of music in the church and in evangelism is studied and much representative music is reviewed by the class.

Prerequisite: 6b.

Four Hours

**161a,b AESTHETICS**

A basic course in the principles of beauty which are fundamental to an understanding of all the arts. Four Hours

**182a TEACHING MUSIC IN THE SECONDARY SCHOOL†**

A study of the materials and methods of teaching music in secondary schools. Two Hours

**190a MUSIC MATERIALS AND TECHNIQUES†**

A survey of the best materials and methods of teaching applied music, piano, voice, or violin, or directing choral or instrumental organizations. Two Hours

**199 ADVANCED MUSIC PROJECTS**

One-Two Hours

**ORGANIZATIONS****59a,b THE COLLEGE CHOIR†**

A highly selective ensemble of seventy-five members, balanced for four and eight part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director. Two Hours

**61a,b ORCHESTRA†**

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. Two Hours

† May not be counted toward the major or minor requirements in music.

**65a,b BAND†**

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year. Two Hours

**71a,b ENSEMBLE MUSIC†**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. Credit to be arranged

**171a,b ENSEMBLE MUSIC†**

Credit to be arranged

**VISUAL ARTS**

*Major Requirements:* 30 hours, of which 15 must be in the upper biennium. Art Appreciation, 4 hours and Senior Project, 4 hours must be included.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Art Appreciation, 4 hours must be included.

**DRAWING AND PAINTING****50b LETTERING**

Lectures, laboratory assignments in single stroke Roman, English Text, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

**51a,b DESIGN**

A study of the basic art elements and their function in the composition. Laboratory assignments with definite application of the principles studied. Two Hours

**52b ART EDUCATION**

A study of the fundamental art principles as applied to the needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. Does not apply on major or minor. Two Hours

**53a,b FUNDAMENTALS OF DRAWING AND PAINTING**

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One - Six Hours

**57a,b CERAMICS**

Modeling and glazing of simple pottery forms. One - Four Hours

**61a,b SCULPTURE**

Modeling or carving in various media. One - Six Hours

**101a,b COMMERCIAL ART AND ILLUSTRATION**

Layout and design for book illustrations and advertising. Four Hours  
Prerequisites: 53a,b (Two Hours), 50b.

**103a,b PAINTING**

Landscape, still-life, or portrait painting in oil or water color. One - Six Hours

**105a,b SCULPTURE**

A study of the basic art elements as applied to sculpture. Modeling and casting in various media. One - Four Hours

**107a,b DESIGN**

A study of the art elements and their application to abstract design. Two Hours

† May not be counted toward the major or minor requirements in music.

## 117a,b SENIOR PROJECT

A mural or a series of paintings, or a special project in ceramics, planned for the senior student majoring in art. This project must exhibit an acceptable degree of technical facility and creative power.

Each Semester One - Two Hours

## ART APPRECIATION

## 54b ART INTERPRETATION

A study of the fundamental principles of true art, with their application to great works of art and to daily surroundings.

Four Hours

## 119a,b HISTORY OF ART

A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present.

Four Hours



## VI

### APPLIED ARTS

FRANK JUDSON, *Chairman*

WALTER KENNEDY

RUTH J. STENBORN\*

ALWIN TOEWS

### HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. *Basic requirements:* The same as for the regular Bachelor of Science degree, plus other courses including those in the major fields and Music, 2 hours, to be chosen in council with the major professor to make up the total 128 hour requirement.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Foods and Cookery; Clothing I; Art in Life, or Home Furnishing; Home Hygiene; and Household Management.

#### 7ab FOODS AND COOKERY

A study of the principles of human nutrition, and their application to the dietary problems of the average family, food composition and nutritive values, problems in marketing, meal planning, food preparation and table service. Two class periods with a three-hour laboratory period. Six Hours

#### 12a HOUSEHOLD ECONOMICS

A basic study in consumer education from the standpoint of the home and daily living. Study of labels, trademarks, guarantees, and quality standards. One Hour

#### 50a ART IN LIFE

This course offers instruction in the use of art elements and principles in the application of design to everyday living, clothing and other aspects of the home. Two Hours

#### 52a CLOTHING I

This course covers the fundamental techniques of garment selection, construction, and fitting and the use of commercial patterns with simple problems in original design. Two class periods with a three-hour laboratory period. Three Hours

#### 54b CLOTHING II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health and economy. Two class periods with a three-hour laboratory period. Three Hours

Prerequisite: 52a.

\* On leave, 1949-1950.

**58a COSTUME DESIGNING**

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years.

Two Hours

**60b MEAL PLANNING AND TABLE SERVICE**

Instruction and laboratory practice in the planning, preparation and serving of meals. Study is also made of special occasions.

Prerequisite: 7ab.

Two Hours

**92b TAILORING**

This course comprises a study of the techniques of ladies' tailoring and fitting. One class period with a three-hour laboratory period.

Prerequisite: 52a.

Two Hours

**98b HOME FURNISHING**

Furnishing a small home from the standpoint of comfort, beauty and economy, with practical application of skills and practices; including a study of the influence of historic design.

Three Hours

**100a NUTRITION**

A study of the composition and nutritive values of food as related to physical fitness, and the selection of a balanced diet for health at various age levels with dietary calculations and standards.

Prerequisite: For Home Economics Majors, 7ab.

Three Hours

**114a EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability and economy of food products. One class period with a three-hour laboratory.

Prerequisite: 7ab.

Two Hours

**174a INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing and service.

Two Hours

**176b QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room.

Two Hours

**182a METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. No laboratory.

Two Hours

**178b CHILD CARE AND DEVELOPMENT**

A study of the child from early prenatal life through the pre-school age, with emphasis upon growth, nutrition and home education.

Two Hours

**184b DIET AND DISEASE**

A study of the normal diet with modifications necessary in pathological conditions.

Prerequisite: 100a.

Three Hours

**194b HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use and arrangement of household equipment.

Three Hours

## AGRICULTURE

*Major Requirements:* 40 hours, 18 of which must be in the upper biennium. A degree of proficiency in applied agriculture in at least two fields of production as is being demonstrated in the college farm program; and the following science courses: General Chemistry, Organic Chemistry, General Physics, General Zoology, General Botany, and Introductory College Mathematics.

*Basic Requirements:* same as those for the regular Bachelor of Science degree with a total of 136 hours.

*Minor Requirements:* 18 hours, 8 of which must be in the upper biennium.

## AGRONOMY

## 12a FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading farm crops. Two Hours

## 56b SOILS

A course dealing with the genesis, physical and chemical properties, aeration, water movement, and classification of the soil. Two Hours  
Prerequisite: Chemistry lab.

## 134a SOIL MANAGEMENT

Emphasis is placed on soil conservation. Rotation, green-manure practices, and nutrient requirements of crops are also stressed. Two Hours  
Prerequisite: Soils 56b.

## 136b FERTILIZERS

Commercial fertilizers and their uses; effect of fertilizers upon soils, yields, and composition of crops. Field observation. Two Hours  
Prerequisite: Soils 56b.

## 138b IRRIGATION AND DRAINAGE

A specialized course for those planning to locate in the Southwest. Water supply and methods of use and the influence on the water table are considered. Two Hours  
Prerequisite: Soils 56b. One lecture and one laboratory period.

## HORTICULTURE

## 6b LANDSCAPE GARDENING

A general course dealing with the planning and development of home grounds, landscape designs, trees and shrubs most desirable for landscape use. Two Hours

## 8a VEGETABLE GARDENING

A study of the types of vegetable gardening. Emphasis is placed on varieties and cultural methods of common vegetables. Two Hours

## 8a (or b) APPLIED VEGETABLE GARDENING

A practical continuation of the material studied in 8a. Two Hours  
Prerequisite: Vegetable Gardening 8a. Two laboratory periods.

## 68a SMALL FRUITS

Recommended practices in the growing of grapes, strawberries, and bush fruits for home and market are thoroughly surveyed. Two Hours

**70b TREE FRUITS**

Selecting, planting, soil management, pruning, spraying, and other activities connected with citrus and deciduous orchards of California are studied.

Two Hours

**LIVESTOCK AND COGNATE COURSES****28a POULTRY HUSBANDRY**

A general course dealing with the practical phases of the poultry industry.

Two Hours

**52a DAIRY HUSBANDRY**

A general study of the economic advantages, selecting, breeding, feeding and management of dairy cattle.

Two Hours

**62b POULTRY BROODING**

A laboratory course in which the student has full responsibility for the care of a hatching of chicks during the first six weeks of life. Open to only a limited number of students each year.

Prerequisite: Poultry Husbandry 28a.

Two Hours

**102b DAIRY PRODUCTS AND CREAMERY MANAGEMENT**

A course planned to acquaint the student with the processing and manufacture of butter, ice cream and other dairy products. One lecture and two laboratory periods.

Three Hours

**106b POULTRY MANAGEMENT**

Ten lectures are given dealing with the problems of poultry management. Required laboratory work includes formulating and purchase of poultry feeds, culling, feeding, and a study of records of costs of production.

Prerequisite: Poultry Husbandry 28a.

Two Hours

**112b FEEDS AND FEEDING**

A study of the fundamental needs and practices in animal nutrition.

Prerequisites: Chemistry lab, Organic Chemistry 115ab, or may be taken concurrently with the latter.

Two Hours

**118a ANIMAL HUSBANDRY**

Development, care, use and marketing of beef and dairy cattle, sheep, horses, mules, etc.

Two Hours

**120a VETERINARY SCIENCE**

A brief study of the anatomy of the common farm animals, and the symptoms, diagnosis, treatment, and prevention of their disorders and diseases.

Prerequisites: Animal Husbandry 118a, General Zoology lab.

Two Hours

**GENERAL WORKS****11ab FARM CARPENTRY**

(See Wood Trades: Carpentry I)

Four Hours

**64a WELDING\***

Two laboratory periods each week designed to acquaint the student with metals, temperatures, fundamental operations of acetylene and electric welding.

Two Hours

**110a FARM MACHINERY**

Selection, operation, and use of common farm implements.

Prerequisite: General Physics 51ab. Two lectures, one laboratory.

Three Hours



**114b TRUCK AND TRACTOR MECHANICS\***

Fundamentals of internal combustion, maintaining and repairing of farm engines. One lecture, two laboratories. Three Hours

**170a AGRICULTURE ECONOMICS**

A course to aid the student in evaluating data, coordinating the farm activities with the business world, and applying economic principles to the farm operation. Two Hours

**188b FARM MANAGEMENT**

The organization of farm enterprises and production units. Farm records and cost accounts. Required of all majors. Two Hours  
Prerequisite: Minimum of six hours of lower division agriculture.

**199 RESEARCH PROBLEMS IN AGRICULTURE**

One - Two Hours

**PRINTING****2b HISTORY OF PRINTING**

One one-hour lecture the second semester. A general course in the history of printing from its earliest beginning and continuing through the time of Gutenberg to the present. One Hour

**4b PROOFREADING AND PRINTING MATHEMATICS**

One one-hour lecture the second semester. A combination course consisting of proofreading, printshop English, study of standard proofmarks and practices, and mathematics as applied in a printing office. One Hour

**10a ELEMENTARY TYPOGRAPHY**

One hour lecture, two three-hour laboratories first semester. The fundamentals and mechanics of hand composition in setting of straight matter, poetry, letterspacing, use of initials and simple forms. Three Hours

**12b ELEMENTARY DISPLAY**

One hour lecture, two three-hour laboratories second semester. The use of proper principles of display in the designing and printing of letter-heads, envelopes, business cards, handbills, office forms and folders. Three Hours

**21a,b ELEMENTARY PRESSWORK**

One hour lecture, one three-hour laboratory each semester. Instruction in the care and maintenance, lockup of type forms, makeready and feeding of the platen press. Four Hours

**61a,b ADVANCED TYPOGRAPHY**

One hour lecture, one three-hour laboratory each semester. Study and practice of the principles of hand display and layout of all types of commercial jobs, booklets and publications. Four Hours

**65a,b IMPOSITION AND LAYOUT**

One hour lecture. The planning and laying out of forms in proper order for locking up for the presses, including the preparation of dummies showing the margins required. Two Hours

**71a,b ADVANCED PRESSWORK**

One hour lecture, one three-hour laboratory each semester. Study of advanced platen press operation including proper makeready, ink, paper, color and process printing and other related material. Four Hours

**81a,b COMPOSING MACHINE OPERATION**

One hour lecture, two three-hour laboratories each semester. Keyboard practice and operation of a linotype—setting all types of straight matter, small caps, italics and special characters. Practice is also given the setting of office forms and tabular work. Six Hours



## WOOD TRADES AND DRAFTING

## 11ab CARPENTRY I

A course in planning a building, making a bill of materials, building foundations, framing, rafter layout and cutting, roofing, plumbing, and wiring. Class work, four hours per week. Four Hours

## 14a (or b) ARCHITECTURAL DRAWING I

The elements of house planning and construction methods; blueprint reading for the building trades. Two Hours

## 24b WOODTURNING

Wood lathes, tools, and how to use them. Two Hours

## 26a (or b) CABINET MAKING I

The almost lost art of making fine furniture by hand. An aid to the appreciation of values in furniture and furnishings. Two Hours

## 32a (or b) MECHANICAL DRAWING

Care and use of instruments, lettering, orthographic projection, working drawings, development of solids, tracing, and blueprinting. Two Hours

## 51ab CARPENTRY II

A continuation of Carpentry I, covering mill work, cabinet work, and finishing, including painting and varnishing. (Four hours class work per week.)

Prerequisite: 11ab.

Four Hours

## 56a (or b) CABINET MAKING II

An advanced course in furniture construction designed for those who have had experience in both hand and machine cabinet work.

Prerequisite: 26a or b and a knowledge of mechanical or architectural drawing. Two Hours

## 58a (or b) CABINET MAKING III

A study of living room, dining room, and bedroom furniture construction. Four periods of classwork. Two Hours

## 64a (or b) ARCHITECTURAL DRAWING II

House planning, detail and pictorial drawing, estimating, etc.

Prerequisite: 14a.

Two Hours

## 66a (or b) ENGINEERING DRAWING

Conventions, details, assembly drawing from sketches, designing of machinery parts, piping layouts, etc.

Prerequisite: 32a.

Two Hours

## 82a MATERIALS AND METHODS FOR VOCATIONAL TRAINING

A course designed for those interested in teaching vocations. Covers trade analysis, outline of instructions, instruction sheets, assignment sheets, reference sheets, job sheets, etc. Two Hours

## 92b MATERIALS OF CONSTRUCTION

A course covering principally the study of building materials, their appropriateness, and efficiency. Three Hours

## MISCELLANEOUS

## 15ab ELEMENTARY RADIO

Two Hours

## 16a RADIO I. See Physics Section.

Two Hours

## 18b RADIO II. See Physics Section.

Two Hours

## 48a ELEMENTARY PHOTOGRAPHY

Two Hours

## VII BUSINESS

W. E. ANDERSON, *Chairman*

RALPH KOORENNY

IRENE ORTNER

### ECONOMICS AND BUSINESS

*Major Requirements:* 34 hours, of which a minimum of 17 must be in the upper biennium. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Business Machines, 1 hour; Typewriting, 2 hours; Principles of Accounting, 6 hours. Three hours upper biennium secretarial science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 9 hours must be in the upper biennium.

#### 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange—the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics. Six Hours

#### 3a,b PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. (First semester is prerequisite to the second semester.) Six Hours

#### 51a,b INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems. Prerequisite: 3ab. (First semester is prerequisite to the second semester.) Four Hours

#### 52b BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations. Three Hours

#### 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine. Prerequisites: 3ab, and Business Machines. One Hour

#### 62a ACCOUNTING FUNDAMENTALS

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only. Two Hours

#### 102a MONEY, BANKING AND CREDIT

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business. Three Hours  
Prerequisite: 1ab.

#### 106b BUSINESS FINANCE\*

Financial problems of business organization; launching of an enterprise; sources of capital; stocks and bonds; principles of borrowing; relation of finance to the business cycle; distribution of earnings; reorganization. Three Hours  
Prerequisite: 3a,b; junior standing.

**103a,b MARKETING**

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.

Prerequisite: 1ab.

Four Hours

**104a COST ACCOUNTING\***

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51a,b.

Two Hours

**110b ELEMENTS OF STATISTICS**

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education.

Three Hours

**112b ACCOUNTING SYSTEMS\***

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.

Two Hours

**114a ADVERTISING**

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**116a CURRENT ECONOMIC PROBLEMS\***

Economic problems of current importance; application of economic principles to a dynamic business world.

Prerequisite: 1ab.

Three Hours

## SECRETARIAL SCIENCE

*Major Requirements:* 30 hours, of which a minimum of 15 hours must be in the upper biennium. Required courses: Shorthand II, Transcription, Office Practice, Typewriting II, Business Machines, Filing, and Ediphone. A maximum of 4 hours in business or economics may be included in the total upper biennium hours. Extra-departmental requirements: Principles of Accounting, 6 hours, and Economics, 6 hours.

*Minor Requirements:* 18 hours, at least 9 of which must be in the upper biennium. Required courses: Shorthand II, Transcription, and Office Practice.

### TYPEWRITING

**5a,b TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use.

Prerequisite for 5b: 5a or the equivalent.

Two Hours

**59a,b TYPEWRITING II**

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects.

Prerequisite: 5a,b or equivalent; 58a should precede 58b.

Two Hours

### SHORTHAND

**7ab SHORTHAND I**

Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute.

Eight Hours

**64a SHORTHAND II**

Dictation practice on business and denominational material. 66a must be taken concurrently.

Prerequisite: 7ab or equivalent.

Four Hours

**66a TRANSCRIPTION**

Training in fast and accurate transcription of shorthand dictation. Must be taken concurrently with 64a.

Two Hours

**107a,b ADVANCED SHORTHAND\*\***

Rapid dictation and transcription of Congressional and denominational material.

Prerequisite: 64a.

Six Hours

**150a SHORTHAND REPORTING\***

Rapid dictation and transcription of Congressional and other technical materials and reporting of sermons and lectures.

Prerequisite: 107b

Two Hours

**OFFICE PRACTICE****54a (or b) BUSINESS MACHINES**

Instruction and practice on various types of calculating, adding, and duplicating machines.

Prerequisite: 5a,b or equivalent.

One Hour

**70b OFFICE PRACTICE**

Instruction in office procedures, business ethics, filing, and the personal qualification of the secretary. Three class periods and a 3-hour laboratory per week.

Prerequisites: 64a and 66a.

Four Hours

**72a (or b) EDIPHONE**

Instruction and practice in the use of the Ediphone, with emphasis on fast and accurate transcribing from the secretarial unit.

Prerequisite: 5a,b or equivalent.

One Hour

**74a (or b) FILING**

A study of the filing systems most commonly used in business; practice in both card and correspondence filing.

One Hour

**182a TECHNIQUES AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING**

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting.

Two Hours

**162b OFFICE MANAGEMENT\***

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space and organizing the flow of work through the office.

Three Hours

**199 PROJECTS IN DIVISION VII**

One-Two Hours



# SPECIAL CURRICULA

## MINISTRY

La Sierra College Theology training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theological Curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours. Graduation will be granted only to those who have, in addition, attained a certain maturity of mind and manner, who have acquired cultural and social graces, and who have developed a wholesome spiritual experience.

Major requirement: 45 hours, 20 of which must be upper division including the courses listed below:

### BASIC REQUIREMENTS

#### *First and Second Years*

Life and Teachings .....	4 hours
Bible Doctrines .....	6 hours
Freshman English .....	6 hours
Greek I and II .....	14 hours
Science .....	6 hours
Fundamentals of Speech .....	4 hours
Health .....	4 hours
Voice and Diction .....	2 hours
Applied Arts .....	6 hours
College Problems .....	1 hour
History (must be state requirement) .....	6 hours
European Civilization .....	3 hours
Accounting Fundamentals .....	2 hours
Education or Psychology .....	3 hours

#### *Third and Fourth Years*

Church History .....	6 hours
Daniel and Revelation .....	5 hours
Epistles .....	6 hours
Public and Field Evangelism .....	4 hours
Gift of Prophecy .....	3 hours
Homiletics .....	6 hours
Personal Evangelism .....	3 hours
Philosophy of Science .....	3 hours
Speech .....	5 hours
Literature .....	4 hours
Fine Arts .....	4 hours
Old Testament Prophets .....	6 hours



## MEDICINE

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges, but in harmony with the policies of the American Medical Association it does not list a prescribed curriculum.

In planning their college courses, premedical students should include those courses required by the admissions committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. A college degree is necessary for admission to most medical schools. With this in mind students should decide on a major and a minor preferably by the beginning of the second year and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists a student should

- a. Maintain a satisfactory conduct and character rating.
- b. Reach a minimum scholarship average of 1.5 in both science and non-science courses.
- c. Take the medical aptitude test during the 12 months preceding his application.
- d. Receive credit in the courses required by the College of Medical Evangelists for admission. These courses are as follows:

	<i>Sem. Hrs.</i>
Chemistry .....	16
Physics .....	8
General Zoology .....	6
Embryology .....	3
Genetics .....	3
Freshman English .....	6
*French, German, or Spanish .....	6-12
American History and Government .....	5
Religion .....	12

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\* When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 15 hours. Students taking two years of Latin in high school must begin one of the above foreign languages on the college level and complete 12 semester hours in the same language.

## NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of bachelor of science in nursing education with a minor in biology or in secondary education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited Seventh-day Adventist school of nursing. Nurses who have completed the pre-nursing curriculum may meet the requirements for a degree with approximately forty-two semester hours additional work. The nurse who has not had college pre-nursing will need to take additional work. It is recommended that the nurse who plans on administrative work or teaching take additional work in the fields of education and psychology.

*Major Requirements:* In addition to work taken in the school of nursing twelve semester hours must be in the field of nursing education.

## FIVE-YEAR COMBINED CURRICULUM

Pre-nursing	Hours
English .....	6
Bible .....	4
Anatomy and Physiology .....	6
History of Nursing .....	3
Microbiology .....	4
Chemistry .....	6
Health Principles .....	2
Problems of College and Life .....	1
Physical Education .....	1
Second, third, and fourth years — in the school of nursing.	
Fifth year, the indicated hours selected from each group:	
Biology, 9 hours	
Genetics .....	3
Advanced Physiology (required) .....	4
Embryology .....	2 or 3
Philosophy of Science .....	3
Nursing Education, 12-14 hours	
Introduction to Nursing Education .....	2
Current Trends .....	2
Comparative Nursing Practice .....	2
Supervision in Schools of Nursing .....	2
Ward Management .....	2
Teaching in Schools of Nursing .....	2
Curriculum Construction .....	2
Organization and Administration of Schools of Nursing (required) .....	2
Religion, 4 to 6 hours (upper division)	
English and Speech, 8 hours	
Speech .....	4
Literature .....	4
History, 6-8 hours	
American Government .....	2
American History .....	6
Psychology and Education, 3-8 hours	
Educational Psychology .....	3
Philosophy of Education .....	3
Tests and Measurements .....	2
Principles and Methods of Secondary Education .....	2

## MEDICAL TECHNOLOGY and PHYSICAL THERAPY

Two years of college work are required as preparation for the one year of professional training for Medical Technology, and for Physical Therapy. It is not required that a uniform curriculum shall be followed. Instead, the following requirements are set up for recommendation from La Sierra College: (a) a minimum scholarship rating of 1.5, (b) suitable credit in the basic courses listed below, (c) enough college credit hours to total 64, including the required courses, (d) a satisfactory conduct and character rating.

*Basic Requirements:**First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
General Zoology .....	3	3
General Chemistry .....	4	4
Problems of College and Life .....	1	
Microbiology .....		4
Electives .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
Quantitative Analysis .....	4	
Mammalian Anatomy .....	2	
American Government .....		2
American History .....	3	
Physiology .....		2
Electives to make 16 hours each semester		

NOTE 1: Electives are to be chosen in counsel with adviser. Suggested by the College of Medical Evangelists are such courses as: Physics, Organic Chemistry, Biochemistry, Embryology, Educational Psychology, Human Anatomy, Public Speaking.

## DENTAL

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	
Problems of College and Life .....	1	
General Chemistry .....	4	4
General Zoology .....	3	3
Elective Hours .....		3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Organic Chemistry .....	3	3
American History .....	3	
American Government .....		2
Elective Hours .....	4	5
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## PRE-NURSING

	Semester Hours	
	First	Second
Religion .....	2	2
Chemistry for Nurses .....	3	3
Freshman English .....	3	3
Human Anatomy .....	4	
Human Physiology .....		2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Problems of College and Life .....	1	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## DIETETICS

Two years of college work totaling 64 semester hours are required as preparation for the two years professional training for Dietetics.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Problems of College and Life .....	1	
General Chemistry .....	4	4
Foods and Cookery .....	3	3
Electives .....	3	4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	
Physiology .....		2
American History .....	3	
American Government .....		2
Education and Psychology .....	8	
Speech .....	2	2
Electives .....	10	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

RECOMMENDED ELECTIVES: Typing, Journalism, Accounting, Music, Interior Decorating, Clothing, and Organic Chemistry.

LA SIERRA COLLEGE  
TWO-YEAR SECRETARIAL COURSE†

*First Year*

	Semester Hours	
	First	Second
Daniel and Revelation .....	2	2
Freshman English .....	3	3
Shorthand I .....	4	4
Typing I .....	1	1
Problems of College and Life .....	1	
Principles of Accounting .....	3	3
English or Speech .....	2	2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....		2
Shorthand II .....	4	
Transcription .....	2	
Typing II .....	1	1
Office Practice .....		4
Business Machines .....		1
Economics .....	3	3
American History .....	3	3
Filing or Ediphone .....		1
Electives .....		4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

BIBLE WORKERS†

Religion 24 hours including:

Bible Doctrines

Daniel and Revelation

Spirit of Prophecy

Applied Arts .....	6 hours
Freshman English .....	6 hours
Speech .....	4 hours
Problems of College and Life .....	1 hour
Health .....	4 hours
Music .....	4 hours
Psychology .....	3 hours
Electives .....	12 hours

† The entrance requirement for this curriculum is a diploma from an accredited secondary school, but the courses taken are applicable toward a degree only if the college entrance requirements for degree candidates are fully met. (See "Academic Standards.")

† This curriculum is designed for mature young men or women wanting a special course. No upper division credit will be given for courses ordinarily so designated unless prerequisites have been met and the student is otherwise qualified.



## AGRICULTURE

*First Year*

	Semester Hours	
	First	Second
Freshman English .....	3	3
Religion .....	2	2
Problems of College and Life .....	1	
Physical Science Survey .....	3	
Physical Science Survey Lab. ....	1	
Agriculture .....	4	8
Electives .....		5
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	3	2
Agriculture .....	8	10
General Psychology .....	3	
Electives .....		2
Fundamentals of Speech .....	2	2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## PRINTING

*First Year*

	Semester Hours	
	First	Second
Freshman English .....	3	3
Daniel .....	2	
Revelation .....		2
Lettering .....	2	
History of Printing .....		1
Proofreading and Printing Mathematics .....		1
Science .....	4	4
Elementary Typography .....	3	
Elementary Display .....		3
Elementary Presswork .....	2	2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Fundamentals of Speech .....	2	2
Bible Doctrines .....	3	3
American History .....	3	3
Composing Machine Operation .....	3	3
Advanced Typography .....	2	2
Imposition and Layout .....	1	1
Advanced Presswork .....	2	2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## WOOD TRADES AND DRAFTING

*First Year*

Freshman English .....	3	3
Problems of College and Life .....	1	
Daniel .....	2	
Introductory College Mathematics .....	3	
Revelation .....		2
Carpentry I .....	2	2
Architectural Drawing I and II .....	2	2
Cabinet Making I .....		2
Mechanical Drawing (or elective) .....		2
Health Principles .....	2	
Electives .....		4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion (Life and Teachings) .....	2	
Physics (General) .....	4	4
Religion (Spirit of Prophecy) .....		2
American History .....	3	3
Materials of Construction .....		3
Carpentry II .....	2	2
Cabinet Making II .....	2	
Cabinet Making III .....		2
Electives .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay the cashier their guarantee deposit before beginning registration.

*The entrance fee and the student association fees* are included in the tuition.

*The guarantee deposit* is \$85.00 for resident (boarding) students and \$45.00 for non-boarding or day students. This deposit takes the place of the advance charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. Students registering after the regular registration days must pay a fee of \$5.00.

The above items are payable by all students. Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket. For students in Chemistry for Nurses the price of the ticket is \$7.00. For those enrolling in other chemistry courses, the price is \$10.00; \$5.00 breakage tickets are required in biological courses using breakable equipment. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the College on or before September 1.

## TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$12.40	8 .....	\$ 99.20
2 .....	24.80	9 .....	111.60
3 .....	37.20	10 .....	124.00
4 .....	49.60	11 .....	136.40
5 .....	62.00	12 .....	148.80
6 .....	74.40	13-16 .....	161.20
7 .....	86.80	17 .....	173.60
		18 .....	186.00

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for first session and in July for second session. Statements are prepared each calendar month and are payable when presented.

Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

## ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$17.00 per month
Angwin Hall and Calkins Hall.....	18.00 per month
Special rooms in Angwin Hall.....	19.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the College, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The Health Service fee applies toward the expenses of maintaining a nursing staff at the College and includes simple treatments, medications and general nursing care. It does not include doctor's fees, special prescriptions, prolonged nursing care or physical therapy treatments.

If a student finds it necessary to receive hospitalization in the infirmary, a charge of \$1.00 per day for its use will be made.

## PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$28.00 per semester for one lesson a week; \$48.00 per semester for two lessons a week. Single lessons are \$2.25 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up. Less than eight lessons per semester will be charged at the single lesson rate.

### *Application Fee:* **FEES AND RENTALS**

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the College or Academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Laboratory Fees:*

All freshman and sophomore courses having a one credit hour laboratory (course numbers 1-99) the laboratory fee will be \$7.50 per semester per course.

All freshman and sophomore courses having a two credit hour laboratory (course numbers 1-99) the laboratory fee will be \$10.00 per semester per course.

All junior and senior courses having a laboratory (course numbers 100 and above) the laboratory fee will be \$10.00 per semester per course.

### *Exceptions:*

Nurse's Chemistry .....	\$ 5.00
Physical Science Survey .....	3.00
Biological Science Survey .....	3.00
Mechanical, Architectural, Engineering Drawing and Carpentry .....	3.50
Cabinet Making and Woodturning .....	7.50
Linotype (5 hours per week) .....	20.00
Welding .....	30.00

All clothing and tailoring classes \$3.00; all foods classes with a laboratory \$10.00.

All Business courses having a laboratory carry a laboratory fee of \$3.00 per semester.

All drawing and painting courses carry a laboratory fee of \$3.00 per semester, with the exception of sculpture and ceramics which carry a fee of \$5.00 per semester hour of credit.

### *Medical Examinations:*

All students are required to bring completed physical examination blanks with them when they come to register. If they do not it will be necessary for them to take the examination here at the College for which a \$3 charge will be made by the College payable in advance. No one will be allowed to begin registration until the medical blank has been approved.



*Fine Arts — Music:*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not.

*Physical Education:*

	Per Semester
Physical Education .....	\$2.00

*Rentals:*

	Per Month
Typewriter, one period per day .....	\$1.50
Music Instruments .....	1.50
Music Rentals	Per Semester
Practice Room, one hour a day .....	\$ 5.00
Practice Room, two hours a day .....	8.00
Pipe Organ, Estey, two hours a week .....	14.00
Pipe Organ, Wurlitzer, three hours a week .....	14.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35

*Special Fees:*

Permit for each special examination .....	3.00
Change of class after two weeks .....	1.00
Degree .....	5.00
Diploma—Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration .....	5.00
Medical Aptitude Test .....	10.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the College, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

## THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the College such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

## COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the Dean.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the College are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The College reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

### LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Labor credits cannot be transferred to any person other than a brother or sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

### SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability), *Public Law 16*, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law 346*, 78th Congress, 1944).

Veterans wishing to attend school under the provisions of *Public Law 346* should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law 16* should be evidenced by a letter authorizing such training signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by presenting an "Authorization Certificate" or showing a photostatic copy of a certificate of eligibility from the State.

Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that suspended items by the Government, either State or Federal, will be paid by them. Veterans will

do well to plan to have sufficient funds to cover at least two months' living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts until government subsidies are received.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the College. Details of such scholarships should be obtained from the business office before the student begins work.

### ENROLLMENT ANALYSIS 1948-1949

Regular Semesters	Men	Women	Totals
Freshmen .....	147	120	267
Sophomores .....	127	59	186
Juniors .....	125	56	181
Seniors .....	111	40	151
Special and Unclassified .....	21	44	65
Extension Divisions .....			56
Preparatory School .....	64	92	156
Summer Sessions			
Freshmen .....	19	6	25
Sophomores .....	25	10	35
Juniors .....	60	13	73
Seniors .....	39	14	53
Special and Unclassified .....	8	8	16
Preparatory School .....	10	16	26
COLLEGE TOTAL .....			1108
PREPARATORY SCHOOL TOTAL .....			182

## GRADUATES OF 1948

### BACHELOR OF ARTS

Cherrie Carolyn Clough	Harold Knight
Roger Wooldridge Coon	Elizabeth Frances Larson
Francis Roy Cossentine	Harold William Moody
Edna Smith Cubley	Eldon Darryl Moore
Joyce Craw Digneo	Kenneth Gerald Neal
Alfred George Ellquist	Benjamin Edgar Nelson
Mary Elizabeth Ellquist	Clarence Ian Nelson
Gerald Horace Friedrich	Mary Umeko Nozaki
Kenneth Victor Gard	Andrew Peters
Glenn Alexander Gryte	Joseph Benjamin Pierce
John Stephen Guptill	Leonard Clark Robinson
James Gordon Harris	Carl Douglas Rose
Helen Louise Hill	Antonio Valentin Serra
Melvin Smith Hill	Loren Calvin Shepard
Donald George Johnston	John Harrison Shewmake
Robert Charles Judd	Martha Rose Soule
Samuel Wesley Kime, Jr.	Betty Tome Stahlman

George Erman Stearns, Jr.  
James Elmer Stearns  
Gordon Charles Steen  
Ralph Andross Steen, Jr.  
Marguerite Hope Strahle Marsh  
Malcolm Paul Swingle

John Washu Taira  
Charles Earnest von Pohle  
Howard Voss  
Ervin Otis Winton  
George Daniel Wister  
John D. Wohlers

### BACHELOR OF SCIENCE

#### Business Administration

Arthur Edward Klein  
Clarence Milton Laue  
Robert Eugene Osborn

#### Nursing

Elizabeth Ann Beem  
Vivian Elaine Golden Hoyt  
Corrine Kindred Ray  
Gladys Lydia Ryder

#### Science

Laurence David Nelson  
Lee James Richards  
Colin Torrey Greenlaw

#### Secretarial Science

Margaret Nouk Choy Lui Wat

### DIPLOMAS AND CERTIFICATES

#### Teacher Training

Dolores Maxine Meason  
Betty Ruth Meador Wasson  
Alice Louise Lacy  
Gabrielle Elizabeth Robert

#### Secretarial

Winona Marie Crisp  
Frances Evelyn Hill



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ARROWHEAD

Mt. San Geronimo

Mt. San Jacinto

Joshua Forest

Arrowhead  
Hot Springs

Cajon Pass

BENICENT

March Field

REDLANDS

LOMA LINDA

SAN BERNARDINO

PERRIS

Mt Baldy

SANTA FE R.R.

RIVERSIDE

Orange Groves

La Sierra College

DONTARIO

POMONA

Lemon Groves

ARCADIA

On Santa Anita

MT WILSON

MT LOWE

San Gabriel Mission

Orange Groves

PASADENA

Rose Bowl

GLENDALE

SANTA ANITA

Oilfields

San Fernando Mission

LOS ANGELES

LONG BEACH

HOLLYWOOD

SAN PEDRO

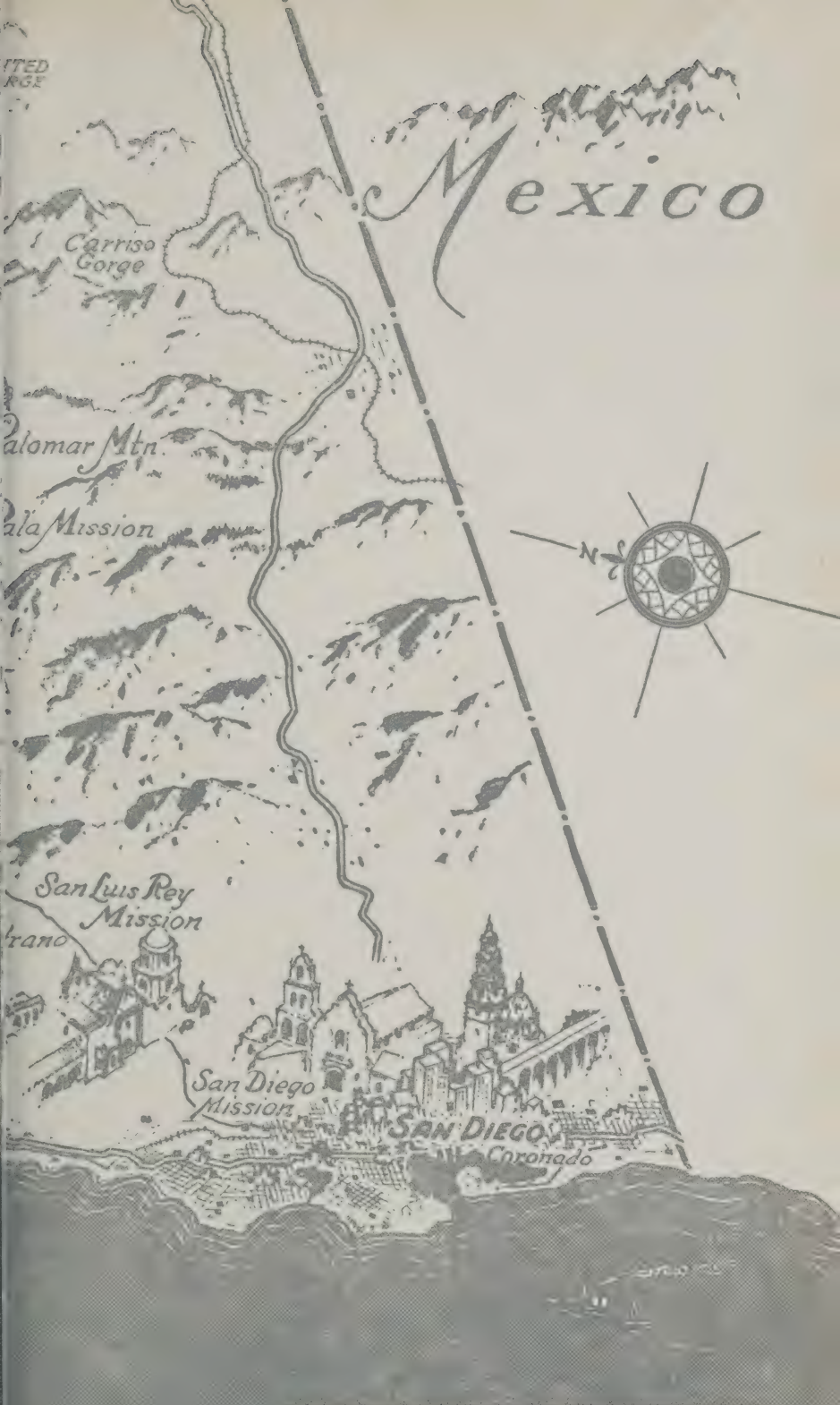
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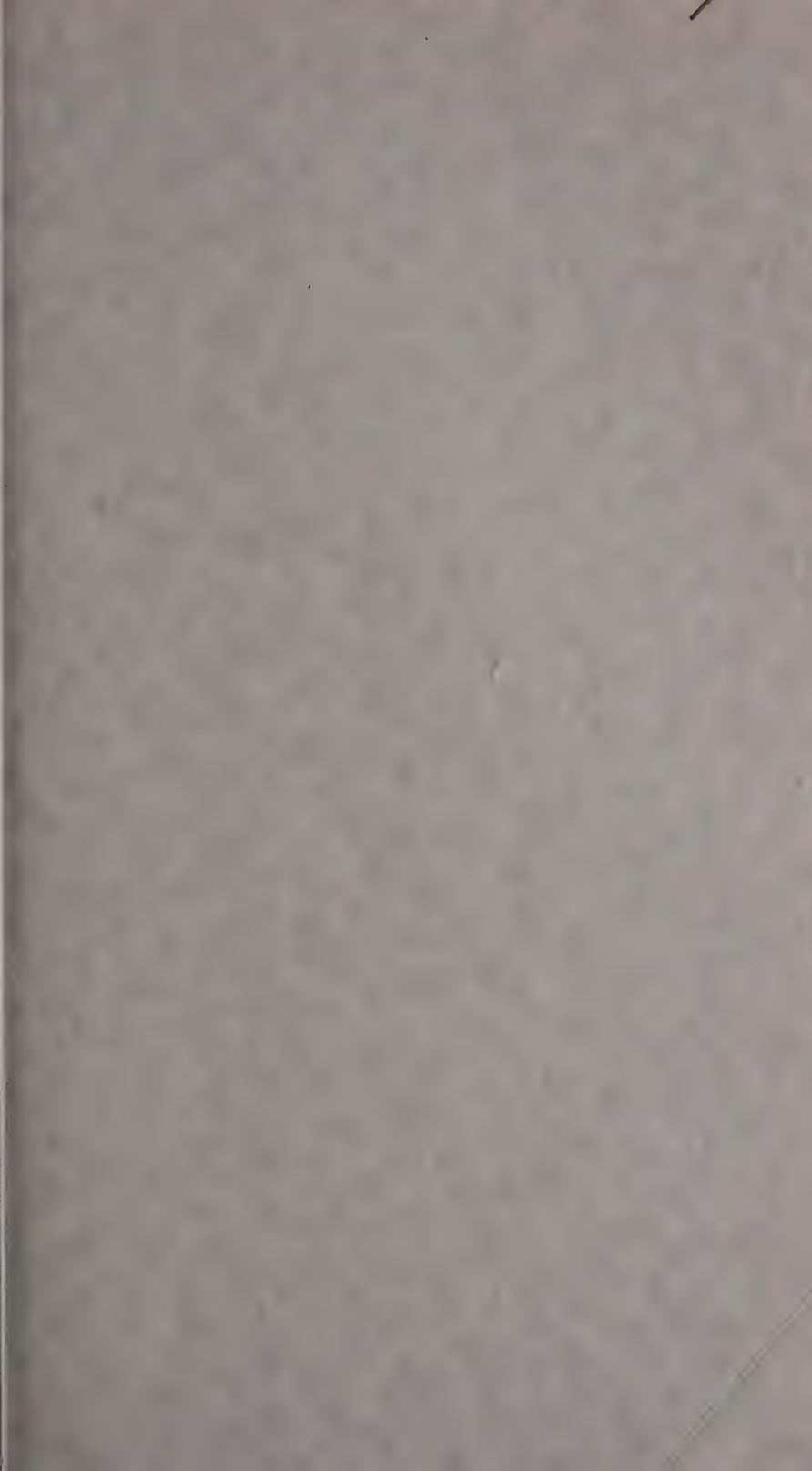
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COURTESY OF  
THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED











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# SIERRA COLLEGE

ngton, California

BULLETIN

1950-1951









PRINTED  
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THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED





# LA SIERRA COLLEGE

## BULLETIN

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# CALENDAR

## 1950 - 1951

September							January							May						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2		1	2	3	4	5	6			1	2	3	4	5
3	4	5	6	7	8	9	7	8	9	10	11	12	13	6	7	8	9	10	11	12
10	11	12	13	14	15	16	14	15	16	17	18	19	20	13	14	15	16	17	18	19
17	18	19	20	21	22	23	21	22	23	24	25	26	27	20	21	22	23	24	25	26
24	25	26	27	28	29	30	28	29	30	31				27	28	29	30	31		
October							February							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7					1	2	3						1	2
8	9	10	11	12	13	14	4	5	6	7	8	9	10	3	4	5	6	7	8	9
15	16	17	18	19	20	21	11	12	13	14	15	16	17	10	11	12	13	14	15	16
22	23	24	25	26	27	28	18	19	20	21	22	23	24	17	18	19	20	21	22	23
29	30	31					25	26	27	28				24	25	26	27	28	29	30
November							March							July						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4						1	2	3	1	2	3	4	5	6	7
5	6	7	8	9	10	11	4	5	6	7	8	9	10	8	9	10	11	12	13	14
12	13	14	15	16	17	18	11	12	13	14	15	16	17	15	16	17	18	19	20	21
19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28
26	27	28	29	30			25	26	27	28	29	30	31	20	30	31				
December							April							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2		1	2	3	4	5	6	7				1	2	3	4
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
24	25	26	27	28	29	30	29	30						26	27	28	29	30	31	
31																				

**Bold dates** — Financial periods close (Accounts due within ten days).  
**Underscore** — Examination days.



# CALENDAR OF EVENTS

1950 - 1951

## SUMMER SESSIONS 1950

Registration .....	June 11
First Summer Session Begins .....	June 12
Second Summer Session Begins .....	July 24

## FIRST SEMESTER

Freshman Days (Attendance Required) .....	September 18, 19
Freshman Registration .....	September 20
Registration .....	September 18-20
Instruction Begins .....	September 21
Founders' Day .....	October 3
Fall Week of Prayer .....	October 13-21
Mid-Semester Examinations .....	November 14-17
Autumn Recess 6:00 p.m. ....	November 29
to 6:00 p.m. ....	December 3
Senior Organization .....	December 4
Senior Presentation .....	December 18
Winter Vacation 6:00 p.m. ....	December 20
to 6:00 p.m. ....	January 2
First Semester Examinations .....	January 29 - February 2

## SECOND SEMESTER

Second Semester Registration .....	February 4
Second Semester Instruction Begins .....	February 5
College Day .....	March 7
Spring Week of Prayer .....	March 16 - 24
Mid-Semester Examinations .....	April 2 - 4
Spring Recess 6:00 p.m. ....	April 4
to 6:00 p.m. ....	April 8
Alumni Homecoming .....	May 6
Second Semester Examinations .....	May 28 - June 1
Consecration .....	June 1
Baccalaureate .....	June 2
Commencement .....	June 3

## SUMMER SESSION 1951

Registration .....	June 10
First Summer Session Begins .....	June 11
Registration .....	July 22
Second Summer Session Begins .....	July 23

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the college and faculty appointments should be addressed to the president.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
Evaluation of Credits.....	Registrar
Graduate Placement.....	Dean of the College
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J. DEE LANSING, M.D., *Staff Physician*  
ANNA VAN AUSGLE, A.B., *Director of Cafeteria*  
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HELEN EVANS, A.B., *Assistant Dean of Women*  
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MARIA HOOF, R.N., *Director of Health Service*

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JOHN WOHLERS, *Superintendent of College Press*  
GEORGE E. STEARNS, *Superintendent of College Farm*  
FRANK E. ROMANT, *Superintendent of College Store*  
JOHN DEAN, *Superintendent of Grounds*  
PEARL GUILD, *Superintendent of College Laundry*  
EDWARD W. MATHESON, *Custodian*

## INSTRUCTIONAL STAFF

WILFRED J. AIREY, Ph.D. *Professor of History*  
A.B., Walla Walla College, 1933; A.M., University of Washington, 1938; Ph.D., University of Washington, 1945. Present position, 1941 -

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A.B., Emmanuel Missionary College, 1935; A.M., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944; Western Reserve University, 1948-1949. Present position, 1938 -

LESTER H. CUSHMAN, M.S. *Professor of Mathematics*  
A.B., Pacific Union College, 1930; M.S., University of Southern California, 1932; graduate work, University of Southern California, 1947-1948. Present position, 1930 -

\*LLOYD E. DOWNS, A.M. *Professor of Biology*  
A.B., Pacific Union College, 1933; A.M., Pacific Union College, 1945; graduate work, University of Southern California, 1947-1949. Present position, 1944 -

OLA K. GANT, Ph.D. *Professor of Home Economics*  
B. S., George Peabody College for Teachers, 1929; M.S., University of Colorado, 1935; Ph.D., University of Wisconsin, 1943. Present position, 1950 -

HAROLD B. HANNUM, M.Mus., A.A.G.O. *Professor of Organ and Theory*  
A.B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M.Mus., Northwestern University, 1935. Present position, 1944 -

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A.B., Walla Walla College, 1923; A.M., Occidental College, 1927; Ph.D., University of Southern California, 1945. Present position, 1944 -

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MAYBEL JENSEN, A.M. *Professor of Elementary Teacher Education*  
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FRANK JUDSON, M.S. *Professor of Agriculture*  
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A.B., Atlantic Union College, 1934; A.M., Boston University, 1939. Present position, 1944 -

\*On leave, 1950-1951.



- LOUIS C. PALMER, M.S. *Professor of Chemistry*  
A.B., Union College, 1917; M.S., University of Southern California, 1935; graduate work, University of Southern California, (summers, 1940-1945) 1946-1947. Present position, 1936 -
- MABEL CURTIS ROMANT, A.B., M.O. *Professor of Speech*  
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- ROBERT W. WOODS, Ph.D. *Professor of Physics*  
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- 
- BRUCE W. HALSTEAD, M.D. *Lecturer in Ichthyology and Herpetology*  
B.A., University of California, 1943; M.D., College of Medical Evangelists, 1948. Present position, 1950 -
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- 
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- JOHN T. HAMILTON, M.Mus. *Associate Professor of Voice*  
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- H. ALLEN CRAW, M.Mus. *Assistant Professor of Piano*  
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- 
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- ANNA P. EDWARDSON, A.M. *Instructor in Prenursing and Nursing Education*  
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- WILLIAM J. NAPIER, A.B. *Instructor in Physical Education*  
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- JAMES RIGGS, A.B. *Instructor in Physics*  
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- H. RAYMOND SHELLEN, B.S. *Instructor in Chemistry*  
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- ALWIN L. TOEWS, A.B. *Instructor in Industrial Arts*  
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\*On leave, 1950-1951.

ROLAND D. WALTERS, M.S. *Instructor in Biology*  
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RAYMOND RYCKMAN, B.S. *Lecturer in Entomology*  
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California, 1949-1950. Present position, 1950 - .

BETSY ROSS, A.B. *Assistant in Speech*  
A.B., La Sierra College, 1949. Present position, 1949 - .

## PREPARATORY SCHOOL SUPERVISORS

- MABEL ANDRE, A.M. *Modern Languages*  
A.B., Washington Missionary College, 1919; A.M., University of Southern California, 1935. Present position, 1943 -
- ELMER J. DIGNEO, B.S. *Science*  
B.S., La Sierra College, 1945; graduate work, Claremont College, summer 1948. Present position, 1940 -
- ALBERT C. MADSEN, A.M. *Bible and History*  
A.B., Union College, 1916; A.M., University of Southern California, 1935. Present position, 1944 -
- ADOLPHUS H. PARKER, A.M. *Science*  
A.B., Union College, 1926; A.M., University of Minnesota, 1937. Present position, 1947 -
- NELLIE PHILLIPS, M.Bus.Edu. *Business Education*  
A.B., Union College, 1941; M.Bus.Edu., University of Colorado, 1947. Present position, 1947 -
- FEDALMA RAGON, A.B. *English*  
A.B., Pacific Union College, 1919. Present position, 1929 -



## ELEMENTARY SCHOOL SUPERVISORS

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- MARY WOODWARD, A.B. *Grade Two*
- NELLIE G. ODELL, A.M. *Grade Three*
- RHODA FYRNN JEFFERSON-HELM, A.B. *Grade Four*
- FRANCES BARTLETT CRAW, M.S. *Grade Five*
- HELEN SWENSON, A.B. *Grade Six*
- PAULINE BEEKS KOORENNY, A.B. *Grade Seven*
- EUGENE BATES *Grade Eight*
- GERALD G. NEFF, A.B. *Principal*

## FACULTY COMMITTEES

### *Administrative Council*

Godfrey T. Anderson, Karl F. Ambs, Mary I. Champion, Elmer J. Digneo, Edward Heppenstall, Harold F. Lease, Lois McKee, Julian L. Thompson, Dean.

### *Religious Activities*

Thomas H. Blincoe, Walter B. Crawford, Elmer J. Digneo, J. C. Haussler, Edward Heppenstall, Maybel Jensen, Harold F. Lease, Lois McKee, Edward Nachreiner, H. Raymond Shelden.

### *Academic Policies*

Dean, Wilfred J. Airey, Mary I. Champion, Harold B. Hannum, Edward Heppenstall, D. Glenn Hilts, Frank Judson, Thomas A. Little, Louis C. Palmer, George T. Simpson.

### *Curriculum*

Dean, Registrar, Department Heads.

### *Admissions*

Dean, Godfrey T. Anderson, Karl F. Ambs, Mary I. Champion, Elmer J. Digneo, Harold F. Lease, Lois McKee.

### *Personnel*

Mary I. Champion, Thomas H. Blincoe, Ola K. Gant, Maybel Jensen, Harold F. Lease, George T. Simpson, Roland D. Walters.

### *Library*

D. Glenn Hilts, William E. Anderson, D. Cecil Barr, Harold B. Hannum, J. Cecil Haussler, Thomas A. Little, George T. Simpson, Julian L. Thompson.

### *Public Relations*

Karl F. Ambs, H. Allen Craw, Lester H. Cushman, Elmer J. Digneo, John T. Hamilton, Irene Ortner, Mabel Curtis Romant.

### *Social Activities*

John T. Hamilton, Margarete Ambs, William E. Anderson, Elmer J. Digneo, Helen Evans, Edna Farnsworth, Alger F. Johns, J. Dee Lansing, Thomas A. Little, James Riggs, Mabel Curtis Romant.



# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. From the campus can be seen through the winter months the snow-clad peaks of the Southern Sierra, rising above the orange groves, giving a rare beauty to the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

**ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY.** In this building are the administrative and business offices of the college, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and a microfilm room fitted with reading machines and storage cabinets. Built in 1946.

**LA SIERRA HALL,** once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Sciences, and Language Divisions, and the Physics Department. Built in 1923.

**SAN FERNANDO HALL** contains the teachers' offices, classrooms, and laboratories of the Science Division. Built in 1931.

**THE HOLE MEMORIAL AUDITORIUM BUILDING** contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

**THE INDUSTRIAL ARTS BUILDING** contains teachers' offices, classrooms, and laboratories for courses in agriculture, printing, wood trades and drafting. Built in 1949.

**HOME ECONOMICS COTTAGE,** located on Campus Drive, provides space in addition to the Home Economics Department for practical instruction in the home arts.

THE DEMONSTRATION SCHOOL, located northeast of the main campus, combines the functions of parochial school for the community, and demonstration school for the department of Elementary Education. There are eight class rooms, eight teachers' offices, and each class room has space for activities. Built of fireproof Latisteel construction in 1947.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, and office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and a smaller dining room known as the "Banquet Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE INDUSTRIAL BUILDINGS include one for shop instruction, including wood and metal working equipment, and offices, La Sierra College Press, the laundry, and the college general store.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms, offices and classrooms. Built in 1946.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the college. A number of students are given employment in the factory.

THE CHURCH, a beautiful house of worship for college and community, is located north of the campus on college property. It has a seating capacity of 2,200. Built in 1947.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

The first college work was offered in 1923, in teacher training, and the school acquired the name La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year premedical curriculum at La Sierra.

*Accreditation.* La Sierra College is now accredited as a College of Liberal Arts by the Northwest Association of Secondary and Higher Schools, and is approved by the Board of Regents of the General Conference of Seventh-day Adventists. The college is also a member of the American Council on Education, and the Association of American Colleges.

*Curricula.* The college has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The college also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medical technology and medical therapy, dentistry, dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after having met the graduation requirements of the college, are granted the degree of Bachelor of Arts or Bachelor of Science.



## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the college is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the Biblical specifications of a man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the college have been defined as follows:

1. *Intellectual Objectives.* The college seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The college endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The college seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The college endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the function and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the college to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the college for him.



**Regulations.** No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the college, as listed in the student handbook, (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra College have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the college.*

As the college retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the college, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

**Orientation.** All new students are required to attend the program of orientation which precedes registration each year. This program is conducted to familiarize the student with the traditions, mores, ideals, policies, and regulations of the college. In return, the college endeavors to become better acquainted with the new student so that its personnel will be in a unique position to advise in each student's college work.

**Guidance.** The guidance program of the college is constructed on the basis of the student's high school record, his college entrance tests, and his own needs. Each entering student is assigned to a faculty adviser and is invited to consult him as frequently as he wishes on personal, academic, or religious matters. During the student's junior year of college, his major professor becomes his adviser and this relationship remains constant until graduation.

**Placement.** One of the facets of the student personnel program of the college is the appointment of its graduates to positions for which they have prepared. This service to seniors and alumni is maintained without fee or commission. The placement office keeps credentials of the graduates and endeavors to transmit copies of the student's record and recommendations to prospective employers.

**Residence.** The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the college undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not reside with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and worthy students who, having made written request to the Board of Trustees, are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the student handbook.

*Health Service.* It is the purpose of the college to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the college maintains a cafeteria where wholesome food is served, and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Education Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastics and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

### CAMPUS ORGANIZATIONS

Opportunities are offered for growth and experience which leadership in student organizations affords. All campus clubs are governed by a constitution or set of by-laws which have been approved by the college personnel committee.

The *Alumni Association* — the purpose of the La Sierra College Alumni Association shall be to maintain active interest in the college and to promote spirit and fraternity among its alumni.

The *Arts and Letters Guild* is designed to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The club offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The *Associated Student Body* provides for the cultural, recreational, and spiritual activity of the college, and furnishes a point of contact between faculty and students. All students become members of this organization upon registration.

The *College Commercial Club* seeks to foster a spirit of friendliness among the commercial students, to acquaint them with the various problems which will be met in an office, and to meet representative business men and women, thus forming contacts valuable in business life.

The *Colporteur Club* promotes interest in colporteur evangelism. All students interested in this organization are eligible for membership.

The *Filomena Club* is open to all preclinical nursing students. Its aim is to foster an interest in nursing and to acquaint the student with some of the trends and current problems in her chosen field.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political interrelations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extra-curricular interest in things and aims of chemistry. Membership is open by invitation to students who elect to major in chemistry. Juniors and seniors qualify for active membership. Students below junior standing are accorded associate membership.

The *Language Clubs* meet at regular intervals during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

The *La Sierra College Biology Club* is of special interest to biology majors and minors. Others who are interested in nature study may become members. Membership is by invitation, but those who are interested should make their interests known.

The *La Sierra College Chapter of the American Temperance Society* is an organization that is active in combating the liquor and tobacco traffic and presenting temperance principles to the world. The society is open to everyone interested.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in medical missionary work, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Music Guild* was formed to provide opportunity for self expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

The *Photography Club*, with its membership composed of those with some experience and much interest in things photographic, serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.



The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Radio Club* has for its purpose the increasing of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

*Sigma Phi Kappa* is a club whose objectives are to encourage an expression of individual ideas and to promote social development among women of the college.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

## PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra College.

## MISCELLANEOUS INFORMATION

*The Summer School.* The college conducts two summer sessions of six weeks each. For information please write for the summer sessions *Bulletin*.

*The Preparatory School.* The college has connected with it a fully accredited academy or preparatory school. For information please write for the *Bulletin* of La Sierra Preparatory School.

*Communications.* The mail address of the college is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is Riverside 9180. After 6:00 p.m. and on Sabbath (Saturday), call the following numbers: President, Riverside 9264; Manager, Riverside 9715-W; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267. Student telephones: Angwin Hall, Riverside 9432; Calkins Hall, Riverside 9433; Gladwyn Hall, Riverside 9424; Mu Beta Kappa, Riverside 9787.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the college at least thirty days before the student desires to enter. *Under no circumstances should a student come to the college before he has had formal notice of acceptance by the Admissions Committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or on the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the registrar of the college.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies



on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Sixteen units of credit from high school, with a grade average of "C" is the normal basis for admission to freshman standing. More specifically, the student should fulfill the requirements in one of the two following patterns:

1. *By certificate of graduation* from an accredited secondary school, with units of credit distributed as follows:

(a) English, three units.

(b) Mathematics, two units. This must consist of one unit each of Algebra and Geometry.

(c) History, one unit. This must be a unit of either American History or Civics, or a unit made up of the two.

(d) Science, one unit. This must be a unit in one field, and must be a third or fourth year course with laboratory.

(e) Foreign language, two units, in the same language.

(f) An additional unit from the following: a third year of the (e) language, a third year in mathematics, a second year of science, or two units of a second language.

(g) Religion, one unit for each year spent in a Seventh-day Adventist secondary school, to the extent of three units.

2. *By standard examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. Such examinations should be taken before the student completes his registration.

The same entrance requirements hold for junior college curricula, except as they may vary to meet the entrance requirements of professional schools, or as stated in the curriculum section of this BULLETIN.

Entrance deficiencies should be removed before a regular program of college studies is undertaken. In some instances deficiencies may be removed on the college level, at the rate of six semester credit hours for each unit, except in foreign language, in which case a deficiency of two high school units may be removed by taking an eight-hour beginning college course in a modern foreign language.

*College seniors will not be given credit for freshman courses taken in the senior year even though they are required. All such courses must be taken before the student reaches senior standing.*

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra College for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore standing after successfully completing twenty-eight semester hours, and to junior standing after successfully completing sixty hours. A student is eligible for membership in the organized junior class only if he is carrying to completion at least ninety-two semester hours of credit, has a 1.0 average, and has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of the junior year. After completing ninety-two hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the dean of the college is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* The college has reserved three days at the opening of the year for freshmen. The purpose of this period is to provide a time for administering tests and to help the student to plan his program and to introduce the student to college life. Attendance of all freshmen students is required. (The only exception being those students who have attended La Sierra College a year but who do not have sufficient credits for sophomore standing.) Other students are urged to be present for the regular registration days.

Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the president or dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or three days of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra College for whom aptitude and placement scores are not available, are required to take such tests before registering, on the day designated. The college reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

All lower division students entering La Sierra College for the first time, and all other students who do not have credit in Freshman English from some other college, are required to take an examination in English known as the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students failing to pass the English Placement Test will be required to enroll in course OA Functional Grammar and Language Elements, and to continue taking the class until able to pass a satisfactory examination on the subject.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and Physical Education, except by previous arrangement with the registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a 1.5 average must be maintained in all classes. The student will be asked to drop classes not kept up to standards. Under no circumstance does the college permit a student to carry more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies during the first two weeks of a regular semester with the consent of the instructor, the personal adviser, and dean of the college. Courses may be dropped during the first six weeks on the same basis. After the first six weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the dean of the college.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a



permit secured from the business manager, for which he is authorized to collect a fee of *three dollars*.

*Scholarship Reports.* Reports showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only after his account has been settled in full.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the college, without securing permission in advance from the dean of the college. No such permission can be granted for courses in the upper biennium. Credits earned in violation of this regulation will not be honored by the college. Credits earned by correspondence after failure in the same course at La Sierra College, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the college. Tutoring service is arranged by the staff, with the consent of the Academic Policies Committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the United States Office of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college class. For further information as to attendance regulations the student is referred to the student handbook.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or three fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure or Wf) .....	minus 1
E (warning)	
I (incomplete) (Becomes a failure if not removed within six weeks after the close of the nine weeks period or semester.)	
Wp (withdrew passing)	
Wf (withdrew failing)	

# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including baccalaureate degrees. The college confers the degrees of Bachelor of Arts and Bachelor of Science. *The responsibility for fulfilling the graduation requirements rests primarily with the candidate for a degree.*

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies Committee, in which the liberal arts pattern is not consistently followed.

The college also grants certificates to students completing junior college preprofessional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major or the minor.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium.

## THE BACCALAUREATE DEGREES

### *The General Requirements:*

A student who receives a Baccalaureate degree must fulfill certain prescribed requirements as to amount, grade, and distribution of work including:

1. The completion of all entrance requirements.
2. The completion of a total of 128 semester credit hours, (140 hours in Theology), of which forty must be in the upper biennium.
3. Honor points equal to the total number of credit hours, that is, a minimum over-all average of C.
4. The Senior year's work taken in residence.\*

\* The residence requirement for degree candidates may be met by attending two consecutive semesters with a minimum of twelve credit hours each semester, with at least eight hours in the major field and four hours in the minor field. Of the forty hours required in the upper biennium, twenty-four must be earned at La Sierra College during the period of candidacy. No credit will be given for freshman courses taken in the senior year.



5. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. *No grade below C may be counted on either the major or the minor.*

6. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.

7. The candidate has the choice of graduating according to the standards of either his junior or senior year.

8. Completion of the basic requirements for the Bachelor's degree.

### BACHELOR OF ARTS DEGREE

#### *Basic Requirements:*

Based upon the complete fulfilment of all college entrance requirements as listed on page —.

1. Religion: 14 hours including 6a or 104a, 8b or 106b, and 51a,b or 151a,b. A maximum of 3 hours in religious history or applied theology may be included. Six hours must be in the upper biennium.

2. Science and Mathematics:

a. Science — Mathematics: 8 hours of which 6 must be in science.

b. Health: 4 hours, which includes a maximum of 2 hours of Physical Education required each semester during the first 2 years in college (for students working on a two-year or a four-year curriculum).

3. Social Science:

a. History: 6 hours in one field, History 61a,b or 91a,b. Students electing 61a,b must take 3 hours of 91a,b and Political Science 56a (or b) to satisfy the state requirement for graduation.

b. Problems of College and Life: 1 hour, taken the first freshman semester.

c. Education or Psychology: 3 hours. Education 6a, 62a, 162b, Sociology 62b, or Geography 54b.

4. Language and Literature:

a. English: 14 hours including English 1ab and at least 4 hours of literature; may include 4 hours of speech.

b. Foreign Language: 6 hours required of the student who pursues the same language in college in which he has completed 2 units in the secondary school. Fourteen hours required of the student who begins a new language in college.

5. Fine Arts: 4 hours. The student may select Music 63a,b; 109a,b; 161a,b; Visual Arts 54a,b; 119a,b.

6. Applied Arts: 6 hours.

### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirement, which are not required. The Bachelor of Science degree is restricted to the following curricula: Agriculture, Business Administration. Home Economics, Nursing Education, and Secretarial Science.





## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1951-52; those without this mark will be offered in 1950-51 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement. The college reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying odd numbers and the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Course numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who have earned a minimum of sixty credit hours and who otherwise qualify for studies in the upper biennium.

The divisions are:

- I. RELIGION AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL SCIENCES
- IV. LANGUAGE AND LITERATURE
- V. MUSIC AND ARTS
- VI. APPLIED ARTS
- VII. BUSINESS





# DIVISIONS OF INSTRUCTION

## I

### RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

THOMAS BLINCOE

ALGER F. JOHNS

J. CECIL HAUSSLER

WALTER F. SPECHT\*

*Major Requirements:* 38 hours, with a minimum of 15 in the upper biennium. Required courses: Religion 6a or 104a; 8b or 106b; 51a,b or 151a,b; 56b or 112a; 109a or 109b; 161a or 161b; 127a or 127b. A maximum of 8 hours in Applied Theology and 6 hours in Religious History will be counted toward a major. For THEOLOGY, see page 71.

*Minor Requirements:* 18 hours, including the basic requirements in religion, and Religion 56b or 112a. A minimum of 9 hours must be in the upper biennium.

#### RELIGION

##### 3a,b OLD TESTAMENT LIFE AND TEACHINGS

A careful study of the life, customs, and backgrounds of the Old Testament peoples with special emphasis on the development of their doctrines. Recommended as a preparatory study for 109a,b.  
Four Hours

##### 5a,b LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs.  
Four Hours

##### 6a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 104a required of all students for graduation.  
Two Hours

##### 8b REVELATION

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. This course or 106b required of all students for graduation.  
Two Hours

**51a,b BIBLE DOCTRINES**

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151ab required of all students for graduation. Six Hours

**54a EVIDENCES OF CHRISTIANITY**

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical, and scientific fields. Two Hours

**56b SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only. Two Hours

**104a DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 6a required of all students for graduation. Two Hours

**106b REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon eschatology. This course or 8b required of all students for graduation. Three Hours

**109a,b OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First semester: Prophets of the eighth century B.C.; second semester: Prophets of Judah, the Exile, and the Restoration.) Six Hours

**112a GIFT OF PROPHECY**

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. Three Hours

**132b ESCHATOLOGY\***

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Three Hours  
Prerequisite: 56b or 112a.

**151a,b FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51ab required of all students for graduation. Four Hours

**161a,b NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background and theological concepts. Six Hours

**171a,b PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation, and immortality. Four Hours

## APPLIED THEOLOGY

## 53a,b PERSONAL EVANGELISM

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings, stories, and Sabbath School lessons for juniors. This course is designed especially to develop the art of personal service. Four Hours

## 116b PASTORAL COUNSELING

Christian psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. Two Hours

## 120a HOMILETICS

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches. Three Hours

## 122b HOMILETICS

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc. Three Hours

## 123a,b PUBLIC AND FIELD EVANGELISM

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.

Prerequisites: 51a,b or 151a,b, and 120a.

Four Hours

## RELIGIOUS HISTORY

## 52a DENOMINATIONAL HISTORY

This course includes a brief survey of God's true church from Apostolic times with special emphasis on the origin and progress of the Remnant church and its spread into all nations of earth. Open only to students not having had Denominational History in the secondary school. Two Hours

## 102a ARCHAEOLOGY\*

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements. Two Hours

## 114b MISSIONS AND MISSION PROBLEMS

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements. Three Hours

## 124b MANUSCRIPTS OF THE BIBLE\*

A course showing God's particular care in preserving manuscripts, and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**127a,b HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on a Religion major or minor; second semester may not be applied on a Religion minor.

Six Hours

**BIBLICAL LANGUAGES**

*Minor Requirements:* 20 hours are required for a minor in Biblical languages with 6 hours in the upper biennium.

**7ab BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John.

Eight Hours

**55ab INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament.

Six Hours

**129ab GREEK EXEGESIS\*\***

Reading and exegetical study of the Greek text of several New Testament epistles; and introduction to the materials and methods of exegesis. May be used as religion credit.

Six Hours

**131ab BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis.

Six Hours

**138a (or b) HEBREWS AND NON-PAULINE EPISTLES\***

An exegetical study of the Greek text of Hebrews, and the epistles of Peter, James, and Jude.

Two Hours

**140a (or b) ADVANCED HEBREW\*\***

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and the Psalms.

(As Arranged)

**199 PROJECTS AND TOPICS IN DIVISION I.**

One - Two Hours



## II

### SCIENCE AND MATHEMATICS

JULIAN L. THOMPSON, *Chairman*

MAUDIE BRYAN

LESTER H. CUSHMAN

LLOYD E. DOWNS\*

ANNA P. EDWARDSON

BRUCE W. HALSTEAD

J. DEE LANSING

LOUIS C. PALMER

JAMES RIGGS

RAYMOND RYCKMAN

H. RAYMOND SHELDEN

ROLAND D. WALTERS

### BIOLOGY

*Major Requirements:* 30 hours, 18 of which must be in the upper biennium. Required courses: Biology 1ab, 51a, 102b, 124a, 180b, 182ab; also Chemistry 1ab. A Chemistry minor is advisable. The following courses may not be applied on a Biology major: Biology 2a,b; 4a (or b); 6b; 12b and 12bL. They may be applied on a minor in the case of Nursing Education majors only.

*Minor Requirements:* 18 hours, of which 9 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

#### 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics, with laboratory study and dissection of invertebrate and vertebrate animals representative of the principal groups of the animal kingdom. Laboratory: three hours each week.

Prerequisites: Academy or high school biology, chemistry, or physics.  
Six Hours

#### 2a,b ANATOMY AND PHYSIOLOGY

A course devoted to the study of the structure and functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts and diagrams. Laboratory: three hours each week during the first semester. Primarily for preclinical nurses.

Six Hours

#### 4a (or b) HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. Designed for the general college student.

Two Hours

#### 6b MICROBIOLOGY

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeasts, molds, and rickettsia, and their relation to disease. Laboratory: three hours a week, which includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds. Designed primarily for preclinical nurses.

Four Hours

#### 12b BIOLOGICAL SCIENCE SURVEY

A general survey of the field of biological science with emphasis on fundamental biological principles, nature study, and health. Designed for the general college student.

Three Hours



**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

Laboratory and field work to illustrate the material covered in 12b.  
One Hour

**51a GENERAL BOTANY**

An introduction to the basic morphology and physiology of plants.  
A survey of the plant kingdom and study of representative plants.  
Laboratory: three hours each week. Three Hours

**55b SYSTEMATIC BOTANY**

An introductory course designed to teach the student the method of collecting and identifying plants; the principles of classification and the relationship of families and orders. Laboratory: six hours each week.

Prerequisite: 51a. Three Hours

**102b COMPARATIVE EMBRYOLOGY**

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory: three hours each week.  
Prerequisite: lab or equivalent Three Hours

**106a COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates. Laboratory: six hours each week.  
Prerequisite: lab or equivalent. Four Hours

**108a ADVANCED PHYSIOLOGY**

A study of the physiological processes and functions of the human body. Three Hours

**110a ENTOMOLOGY**

A study of the taxonomy, morphology, physiology, and life histories of insects. Laboratory: three hours each week.  
Prerequisite: lab or equivalent. Three Hours

**112a MAMMALOLOGY**

A study of the classification, distribution, life habits, and identification of mammals. Laboratory: three hours each week.  
Prerequisite: lab or equivalent. Three Hours

**120b BIO-ECOLOGY**

A study of inter-relations of plants and animals in their life processes and their reaction upon the environment. Laboratory: three hours each week.  
Prerequisite: Two years of biology or consent of instructor. Three Hours

**124a GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.  
Prerequisite: lab or equivalent. Three Hours

**140b ICHTHYOLOGY**

A general consideration of the morphology, taxonomy, physiology, embryology, and distribution of fishes. Laboratory: three hours each week.  
Prerequisite: lab or equivalent. Three Hours

**160a (or b) SPECIAL TECHNIQUES IN TEACHING BIOLOGY\*\***

Techniques and principles of teaching biology in the secondary school and in the college. Open only to Biology majors and minors. Two Hours

**170b FIELD ECOLOGY\*\***

A field study of the major ecological formations of Southern California. Given during the summer.  
Prerequisites: lab, 12b, or 55b. Three Hours

**180b PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species. Three Hours

**182ab BIOLOGICAL LITERATURE**

An introduction to the character and use of biological literature. Methods in preparing a scientific paper. Open only to senior Biology majors. Two Hours

**199 SPECIAL PROBLEMS**

Open to upper division Biology majors who wish to study some special topic or do some original research as arranged with the head of the department. One - Two Hours

**CHEMISTRY**

*Major Requirements:* 30 hours with a minimum of 18 in the upper biennium. Required courses: Chemistry lab, 50a (or b), 115ab, and 155ab.

*Minor Requirements:* 18 hours with at least 9 in the upper biennium. Required courses: Chemistry lab, 50a (or b), and 115ab.

**1ab GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A brief survey of Qualitative Analysis using semimicro methods included in second semester's work. Laboratory: One three-hour period per week.

Prerequisite: Academy or high school chemistry or physics.

Eight Hours

**3ab CHEMISTRY FOR NURSES**

Designed for the student in preparatory nursing. First semester's work: inorganic chemistry; second semester's work: organic chemistry and chemistry of life processes. Special attention given to fields of nursing and medicine. Laboratory: One three-hour period per week. Prerequisite: Academy or high school chemistry or physics. Six Hours

**50a (or b) QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Use of the slide rule is strongly urged in problem solving. Laboratory: Two three-hour periods per week.

Prerequisites: lab and at least three hours of college mathematics. Four Hours

**115ab ORGANIC CHEMISTRY**

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions. Laboratory: One three-hour period per week.

Prerequisite: lab, 50a (or b).

Six Hours

**120a QUALITATIVE ANALYSIS**

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a (or b).

Three Hours

**130b QUANTITATIVE ANALYSIS**

Similar to 50a (or b) but more advanced in scope. Special as well as general analytical methods employed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a (or b), 120a or equivalent.

Three Hours

**134b BIOCHEMISTRY**

A survey of the chemistry of the physiological processes of the human body. Laboratory: One three-hour period per week. Course offered if there is sufficient demand.

Prerequisites: 50a (or b), 115 ab.

Four Hours

**155ab PHYSICAL CHEMISTRY**

A survey of the fundamental physico-chemical concepts and laws. Laboratory: One three-hour period per week.

Prerequisites: 50a (or b), Physics 51ab, Mathematics 79ab.

Six Hours

**160a CHEMICAL LITERATURE**

A supervised approach to the literature of chemistry. Open to senior chemistry majors.

One Hour

**199 PROJECTS AND TOPICS**

Open to senior chemistry majors who wish to study a problem of suitably limited scope under supervision.

One-Two Hours

## PHYSICS

*Major Requirements:* 30 hours, with a minimum of 15 in the upper biennium. Required courses: Physics 51ab; 101a,b; 158b; 168a; 188a (or b); 199; and Mathematics 170b.

*Minor Requirements:* 18 hours, with at least 9 in the upper biennium. Required courses: Physics 51a,b and 101a,b.

**14a PHYSICAL SCIENCE SURVEY†**

An introduction to the fundamentals of astronomy, physics, and chemistry and their applications in daily life.

Three Hours

**14aL PHYSICAL SCIENCE SURVEY LABORATORY†**

Laboratory to accompany 14a.

One Hour

**16a RADIO I† See Applied Arts section.**

Three Hours

**17a,b AERONAUTICS I† See Applied Arts section.**

Three Hours

**18b RADIO II† See Applied Arts section.**

Three Hours

**51ab GENERAL PHYSICS**

Mechanics, heat, sound, electricity and light, modern physics. Three hours class and one hour laboratory each semester.

Prerequisites: Math. 6a, 8b, and high school chemistry or physics.

Eight Hours

**101a,b MODERN PHYSICS I AND II**

A study of sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second.

Prerequisite: 51ab.

Six Hours

**106b HEAT AND THERMODYNAMICS\*\***

Heat transmission, kinetic theory, change of state, specific heats, elementary thermodynamics. Three hours class and one hour laboratory.

Prerequisites: 51ab and Math. 79a,b.

Four Hours

**111a,b ELECTRONICS I AND II**

A study of electron tubes and their associated circuits, with applications. Two hours class and one hour laboratory each semester. The first semester is a prerequisite to the second.

Prerequisites: 51ab and Math. 79a,b.

Six Hours

**158b ELECTRICITY AND MAGNETISM\*\***

Electric and magnetic fields, circuits having resistance, capacitance and inductance. Three hours class and one hour laboratory.

Prerequisites: 51ab and Math. 79a,b.

Four Hours

†May not apply on a major or minor in Physics.

## 164a SOUND\*\*

Wave motion in material media, physics of music, acoustics, sound reproduction.

Prerequisites: 51ab and Math. 79a,b.

Three Hours

## 168a LIGHT\*\*

Wave motion, diffraction and interference, polarization, refraction and reflection. Three hours class and one hour laboratory.

Prerequisites: 51ab and Math. 79a,b.

Four Hours

## 178a (or b) ADVANCED PHYSICAL MEASUREMENTS

Formal laboratory work in upper division physics. May be repeated in a different subject for credit.

Prerequisite: An upper division course in the same subject and consent of the head of the department.

One Hour

## 188a (or b) COLLOQUIUM

Student reports and discussion of current research and physics applications. Limited to upper division Physics majors and minors.

One Hour

## 199 PROJECTS AND TOPICS IN PHYSICS

Experimental and library study of a specific problem under the direction of a staff member. Limited to upper division Physics majors and minors.

One - Two Hours

## MATHEMATICS

*Minor Requirements:* 18 hours, 9 of which must be in the upper biennium. Required course: Math. 79a,b.

## 6a INTRODUCTORY COLLEGE MATHEMATICS

Brief review of high school algebra with additional topics of particular interest to science students; fundamentals of computational trigonometry. Not counted toward Mathematics minor.

Three Hours

## 8b MATHEMATICAL PREPARATION FOR PHYSICAL SCIENCE

Plane analytic geometry; familiarization with methods of formal differentiation and integration.

Prerequisite: 6a or equivalent high school courses in mathematics.

Three Hours

## 50a ADVANCED ALGEBRA\*\*

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations.

Prerequisite: 6a or equivalent.

Three Hours

## 79a,b CALCULUS I AND II

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics. The first semester is a prerequisite to the second.

Prerequisite: 8b or equivalent.

Six Hours

## 100a ADVANCED TRIGONOMETRY\*\*

Additional work in plane trigonometry; the solution of spherical triangles.

Prerequisites: 6a, 8b.

Two Hours

## 102b ADVANCED ANALYTIC GEOMETRY\*\*

Advanced topics in plane analytic geometry, and solid analytic geometry.

Prerequisite: 8b or equivalent.

Three Hours

## 104a THEORY OF EQUATIONS\*\*

Elementary theory of algebraic equations; determinants.

Prerequisite: 50a.

Two Hours



**110a CALCULUS III**

More advanced topics in calculus and an introduction to ordinary differential equations.

Prerequisite: 79a,b.

Three Hours

**112b DIFFERENTIAL EQUATIONS**

Methods of solution of ordinary differential equations.

Prerequisite: 79a,b, with 110a recommended.

Three Hours

**170b ANALYTIC MECHANICS\*\***

An introduction to the methods of mathematical physics; statics, kinematics and dynamics of particles and rigid bodies; vectors.

Prerequisite: 112b and Physics 51ab.

Three Hours

## PHYSICAL EDUCATION

**7a,b PHYSICAL EDUCATION**

One Hour

**17a (or b) Swimming**

Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving.

One-Half Hour

**51a,b PHYSICAL EDUCATION**

One Hour

**60b WATER SAFETY**

The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool.

Prerequisite: 17a or equivalent ability.

One Hour

**64a (or b) INDIVIDUAL ACTIVITIES**

Designed to promote interest and skill in recreational activities that will carry over and be useful in later life.

One-Half Hour

**70a (or b) CORRECTIVE PHYSICAL EDUCATION**

Exercises for correcting minor functional and structural defects; emphasis on posture; importance of relaxation; health and posture problems for elementary, secondary, and college grades.

Two Hours

## HEALTH AND NURSING

**2a HISTORY OF NURSING**

A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems.

Three Hours

**50a (or b) HEALTH PRINCIPLES**

A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards.

Two Hours

**105a INTRODUCTION TO NURSING EDUCATION**

A survey of the growth and development of nursing education from the past to the present time.

Two Hours

**110a HEALTH EVANGELISM**

A survey of the principles of healthful living and the use of these fundamental laws of health for evangelism. May be taken only by Theology and Religion majors.

Two Hours

**148a WARD MANAGEMENT**

A survey of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management.

Two Hours



**150b SUPERVISION IN NURSING**

A study of the fundamentals and principles of supervision in the hospital or sanitarium unit, including discussion of some of the more common problems of supervision.

Two Hours

**154a CURRICULUM CONSTRUCTION**

A study of the principles used in curriculum construction and revision in a school of nursing.

Two Hours

**155ab CURRENT TRENDS IN NURSING**

A survey of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses.

Two Hours

**156a COMPARATIVE NURSING PRACTICE**

Comparative study and evaluation of current nursing procedures.

Two Hours

**158b TEACHING IN SCHOOLS OF NURSING**

A study of the basic principles and methods of teaching as applied to nursing.

Two Hours

**160b ORGANIZATION AND ADMINISTRATION OF SCHOOLS OF NURSING**

A course which is designed to give the student some knowledge of the fundamental principles of organization and administration of a school of nursing. Content of the course includes study of aims, policies, and budget of the school of nursing, selection of faculty and students, administration of the educational and health programs, and essential records. Required of all nursing education majors.

Two Hours

### III

## SOCIAL SCIENCES

WILFRED J. AIREY, *Chairman*

MAYBEL JENSEN

GEORGE T. SIMPSON

### HISTORY

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: History 61a,b and 91a,b. Political Science 56a (or b) may not be counted on the major or the minor.

*Minor Requirements:* 18 hours, with a minimum of 9 in the upper biennium. Required courses: either History 61a,b or History 91a,b. Only 3 hours of History 127a,b may apply on a minor.

- |  |             |
|--|-------------|
| 61a,b EUROPEAN CIVILIZATION  | Six Hours   |
| A history of European culture.   |             |
| 91a,b AMERICAN HISTORY   | Six Hours   |
| The social, constitutional, and political development of the United States from the period of colonization to the present. |             |
| 104a THE ANCIENT WORLD   | Two Hours   |
| The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history.                     |             |
| 106b THE ROMAN WORLD   | Two Hours   |
| The Republic and Empire to the Fall of Rome.   |             |
| 107a,b BRITISH CIVILIZATION*   | Four Hours  |
| England and the Empire to the present.   |             |
| 110a THE RENAISSANCE *   | Three Hours |
| An intensive study of the economic, literary and artistic developments of the period.                                      |             |
| 112b THE REFORMATION *   | Three Hours |
| The revolt against Rome and medievalism, and the rise of the Protestant Church.  |             |
| 114a FRENCH REVOLUTION AND NAPOLEON  | Three Hours |
| The social and political forces of the era of revolution to 1815.  |             |
| 116a EUROPE, 1815-1870   | Two Hours   |
| Europe from 1815 to 1870.  |             |
| 118b EUROPE, 1870-1914   | Two Hours   |
| The political, economic, and cultural changes in Europe 1870 to 1914.  |             |
| 120b EUROPE SINCE 1914   | Three Hours |
| From war to war in Europe.   |             |
| 122a THE AMERICAN WEST *   | Two Hours   |
| The exploration and settlement of the American West. Statehood and progress in the western United States.                  |             |

**124b CALIFORNIA HISTORY \***

The history of California during the Spanish and American periods down to the present.

Two Hours

**127a,b HISTORY OF THE CHRISTIAN CHURCH**

The Christian Church, the Papacy, and the Protestant Churches.

Six Hours

**130a CIVIL WAR \***

The causes for and campaigns of the Civil War.

Two Hours

**132b RECONSTRUCTION \***

The political and economic problems of the reconstruction of the South.

Two Hours

**141a,b AMERICAN DIPLOMATIC HISTORY**

Developments in American diplomatic history from the Revolution to the present.

Four Hours

**POLITICAL SCIENCE****56a (or b) UNITED STATES CONSTITUTION**

Typical political institutions of the American national government and its branches. This course meets the state requirement for American Constitution.

Two Hours

**58b AMERICAN STATE AND LOCAL GOVERNMENT \***

The study of the characteristics of state and local government in the United States.

Two Hours

**126a COMPARATIVE GOVERNMENT \***

Analysis of contemporary political forms.

Two Hours

**GEOGRAPHY****54b PRINCIPLES OF GEOGRAPHY**

The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship.

Three Hours

**ORIENTATION****2a PROBLEMS OF COLLEGE AND LIFE**

Educational and vocational planning, study methods, analysis of interests and aptitudes, social problems. Required of first year college students.

One Hour

**SOCIOLOGY****62b FUNDAMENTALS OF SOCIOLOGY**

An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems.

Three Hours

## EDUCATION AND PSYCHOLOGY

The Department of Education has as its major purpose the preparation of teachers for the elementary, junior academy and secondary schools.

General Psychology 6a (or b) is a basic requirement to all education and psychology courses except 62a and 162b.

### 6a (or b) GENERAL PSYCHOLOGY

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major or minor.) Three Hours

### 62a PRINCIPLES OF EDUCATION

A survey of the basic principles of education. Three Hours

### 70b CHILD GROWTH AND DEVELOPMENT

A course planned to deal with a study of the mental, emotional, social, and physical development during the childhood. Two Hours

### 100a PSYCHOLOGY OF ADOLESCENCE

The course will deal with the most significant problems in adolescent development, with special emphasis upon the psychological principles that govern their behavior. Two Hours

### 102a AUDIO-VISUAL MATERIALS IN INSTRUCTION

A course designed to acquaint the student with the various audio-visual materials as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment. Two Hours

### 106b PERSONALITY AND MENTAL HYGIENE

A study of the constructive and preventive contributions of education to mental health and personal growth. Emphasis is placed on basic attitudes that influence behavior and on methods of working with these attitudes, individually and in groups, to develop more constructive behavior. Two Hours

### 124b EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. Three Hours

### 152b PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization, and aims in the educational, vocational, and general guidance of students on the elementary and secondary level. Two Hours

### 154a TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation and interpretation of standard tests, as they pertain to the elementary and secondary grades. Three Hours

### 156b PRINCIPLES OF SCHOOL ADMINISTRATION

A study of the general administrative problems applicable to elementary, junior academy, and secondary schools. Finance, public relations, guidance, personnel, curriculum development, and the supervision of extra curricular activities. Three Hours

### 160a (or b) HUMAN RELATIONS

The course is designed to acquaint the student with the dynamics of group development, the ethics of human relationships, standards of community life, responsibilities of the cultured individual in society, and to provide a Christian perspective regarding marriage and home building. Two Hours



**162b PHILOSOPHY AND HISTORY OF EDUCATION**

The philosophy and history of sacred and secular educational writings. Emphasis is given to the concepts of representative educational thinkers as their philosophy applies to modern educational thought. (Not open to students taking 62a.) Three Hours

**199 EDUCATIONAL PROJECTS**

Open only to students in the field of education upon permission of the instructor. One - Two Hours

**ELEMENTARY TEACHER EDUCATION**

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree. Two minors are required for an Elementary Education major. Modern language is not required of students who select English as one of the required minors, and who present two units in the same modern language on the secondary level. Required courses: Education 50a; 56b; 58a; 62a or 162b; 70b; 100a; 102a; 124b; 125a,b; 154a and directed teaching (51a,b; 131a,b; and 181a,b), 8 hours. Cognate required courses should include credit in art, music, and other fields selected in consultation with the major adviser.

*Minor Requirements:* 18 hours, a minimum of 9 must be in the upper biennium.

**50a INTRODUCTION TO EDUCATION**

A course designed to give the prospective teacher a practical knowledge of the teaching process. Attention will be directed to problems associated with the personnel, curriculum, management, organization, techniques of teaching, ethics, and community relationships.

Three Hours

**51a,b TEACHING I**

Observations, readings, and discussions of some of the various aspects of classroom situations, including story-telling, which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching.

Two Hours

**52b ART EDUCATION**

A study of the fundamental art principles as applied to the art needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (See Department of Art.)

Two Hours

**54a TEACHING MUSIC IN THE ELEMENTARY SCHOOL**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. (See Department of Music.)

Two Hours

**56b ARITHMETIC IN THE ELEMENTARY SCHOOL**

A course for teachers of arithmetic in the first eight grades. Attention is given to making arithmetic learning a meaningful experience. The course carries a subject-matter of B requirement.

Two Hours

**58a READING IN THE ELEMENTARY SCHOOL**

A study of the procedures used in guiding children's learning to read through the elementary school. Emphasis will be given to reading readiness, beginning reading, independence in word recognition, and development of reading skills. Daily observation and participation in the Demonstration School provides an opportunity for the analysis of individual and group reading problems.

Two Hours



## 125a,b ELEMENTARY SCHOOL CURRICULUM AND METHODS

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, English, spelling, handwriting, history, geography, and civics. Four Hours

## 131a,b TEACHING II

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor, and a directing teacher. No grade below a C is acceptable for credit in directed teaching. An average of C in all college work is required for admission and continuance of directed teaching.

Prerequisite: Satisfactory achievement in the standard school subjects. Three Hours

## 181a,b TEACHING III††

A study will be made of the entire elementary school program selection, organization and evaluation of curricular material, and teaching procedures, including comprehensive teaching as part of the laboratory work. One - Four Hours

††At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.

## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the Department of Education of the General Conference for teacher certification. This includes a minimum of 15 hours in professional education. Four hours of directed teaching is required, either in the major or minor field.

## 150a PRINCIPLES AND METHODS OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and means for measuring their outcomes. Two Hours

## 182a SPECIAL METHODS OF SECONDARY TEACHING

Language Arts and Literature

Mathematics and Physical Science

Social Science

Two Hours

Music (See Music 182a.)

Typewriting and Shorthand (See Secretarial Science 182a.)

Home Economics (See Home Economics 182a.)

Wood Trades and Drafting (See Wood Trades and Drafting 182a.)

## 184a, (or b) OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL

The student teacher observes, participates in class activities, makes lesson plans, and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the college Department of Secondary Education.

Prerequisites: 150a, 182a.

Four Hours

## IV

### LANGUAGE AND LITERATURE

THOMAS A. LITTLE, *Chairman*

MARGARETE AMBS

WALTER B. CRAWFORD

LILLIAN L. BEATTY

HOPE H. HAYTON

WALTER T. CRANDALL

EDWARD NACHREINER

MABEL CURTIS ROMANT

### ENGLISH

*Major Requirements:* 30 hours in addition to English 1ab, with a minimum of 15 in the upper biennium. Prescribed courses: English 51a,b; 61a,b; 100a; and 105ab. The latter may be waived by credit in Journalism 55ab or its equivalent. Related requirements are full-year courses in History 91a,b and 107a,b.

*Minor Requirements:* 18 hours in addition to English 1ab, with a minimum of 8 in the upper biennium. Prescribed courses: English 51a,b; 61a,b; and 105ab. The latter may be waived by credit in Journalism 55ab or its equivalent. A related requirement is a full-year course in either History 91a,b or 107a,b.

#### OA FUNCTIONAL GRAMMAR AND LANGUAGE ELEMENTS

A concentrated non-credit review course prerequisite to English 1ab for all students who do not pass the English Placement Test.  
Fee: \$20.

No Credit

#### 1ab FRESHMAN ENGLISH

1a Training in writing and reading.

1b An introduction to the study of literature, with further training in writing.

English 1ab is prerequisite to any other course in English. Six Hours

#### 51a,b AMERICAN LITERATURE SURVEY

A study of the more important aspects of the history of American literature and of the typical work of the significant authors from the seventeenth century to about 1900.

Four Hours

#### 61a,b ENGLISH LITERATURE SURVEY

A study of the more important aspects of the history of English literature and of the typical work of the significant authors from Beowulf to about 1900.

Six Hours

#### 100a METHODS AND MATERIALS OF LITERARY CRITICISM

Explication and evaluation of literary texts and study of the various principles of literary judgment.

Three Hours

#### 105ab ADVANCED COMPOSITION

Advanced study of the principles of effective composition; practice in creative writing by types.

Four Hours

#### 110b SURVEY OF LINGUISTICS AND GRAMMAR

Divided between the history of the language and a study of current grammar. Not for those who need a course in basic grammar. Not applicable on the literature requirement for the Bachelor of Arts degree.

Two Hours

- 113a,b MASTERPIECES OF WORLD LITERATURE  
Reading and study of selected literary monuments of Western culture.  
Four Hours
- 151a,b AMERICAN LITERARY MASTERS  
Extensive study of selected major writers significant in American literary history. (51a,b is the normal prerequisite for this course, but students who have had other courses in literature and are well prepared in American history may be admitted by the instructor.)  
Four Hours
- 155ab OLD AND MIDDLE ENGLISH  
The Old English is studied in translation. The Middle English, mostly Chaucer's works, is studied in the original.  
Six Hours
- 160a EARLY RENAISSANCE LITERATURE\*  
The second half of this semester is devoted to the works of Spenser.  
Three Hours  
Prerequisite: 61a.
- 162b LATE RENAISSANCE LITERATURE  
This course is largely a study of the works of John Milton. Three Hours
- 164b LITERATURE OF NEO-CLASSICISM  
Three Hours  
Prerequisite: 61b.
- 166a THE ROMANTIC POETS  
Three Hours  
Prerequisite: 61b.
- 168b THE VICTORIAN POETS\*  
Three Hours
- 170b THE ENGLISH BIBLE AS LITERATURE  
A study of the Bible as literary art among the world's supreme masterpieces. This course applies on the English major or minor but not on the general literature requirement for the Bachelor of Arts degree.  
Three Hours  
Prerequisite: 61a or 61b.
- 174a NINETEENTH CENTURY PROSE  
Two Hours
- 181a,b DRAMATIC LITERATURE  
A carefully selected sequence of dramatic classics from Aeschylus to Ibsen, studied to reveal their literary values and cultural attitudes.  
Six Hours
- 199ab ENGLISH MAJOR CONFERENCE  
An integrating group study required of English majors in the senior year and recommended to minors. Only majors and minors in the department are admitted.  
Two Hours

## JOURNALISM

*Minor Requirements:* 18 hours selected in conference with the minor adviser, 9 of which must be in the upper biennium. To qualify for a minor in this field the student must have a broad cultural course in general college studies, including among his prescribed and elective courses History 91a,b; Political Science 56a (or b); Sociology 62b or Business 1ab; Business 114ab; Secretarial Science 5a,b or 59a,b; and two courses in literature. A thorough mastery of English fundamentals is expected of all taking Journalism courses. Printing courses required for this minor: Printing 4b; 11a; 13b; 61a,b. These printing courses will count on the total 18 hours required of Journalism minors.

### 55ab NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper style and techniques.  
Four Hours

**106a (or b) PUBLIC ADDRESS REPORTING**

Specialized practice in reporting sermons, speeches, public meetings, and interviews according to good newspaper formulae. Enrollment restricted to those who have demonstrated proficiency in 55ab.

Two Hours

**120b PRESS RELATIONS AND PUBLICITY TECHNIQUES**

Lectures, readings, and directed observation and practice designed to familiarize the student — from the viewpoint of the newspaper as well as of the public relations office — with the problems of desirable reactions to honest and competent publicity.

Prerequisites: 55ab and at least one other newspaper theory course, 149b recommended.

Two Hours

**125ab COPY-DESK EDITING**

A practice course for those who have shown competence in 55ab. The work involves laboratory projects in copyreading, rewriting, head-writing, proofreading, make-up, and feature production.

Two Hours

**130a HISTORY AND ETHICS OF JOURNALISM**

History of Journalism from about 1620 down to the present time with parallel attention to the principles that guide the best newspapers.

Two Hours

**141ab FEATURE AND MAGAZINE ARTICLE WRITING**

Practice in writing periodical articles and newspaper feature material on selected subjects; study of requirements for the press.

Four Hours

**149b NEWSPAPER PROBLEMS**

A study of the policies and practices of the better weekly and small city newspapers as related to news content, editorials, advertising, circulation, costs. Part of the work will be in the form of research and observation in a newspaper plant of the type considered in the course.

Two Hours

**SPEECH**

*Major Requirements:* 30 hours, of which 18 must be in the upper biennium. The required courses will be determined in conference with the major professor. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* 18 hours, of which 9 must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Pentron tape recorder. The room is suggestive of a small auditorium.

**3ab FUNDAMENTALS OF SPEECH**

The principles of correct speech are studied; attention is given to tone drills, articulation, and proper poise and use of the body in various speech situations.

Four Hours

**50a ORAL READING**

A study of the underlying principles of smooth, effective reading from the printed page and from memory. Also correct use of the various speech sounds as given in the International Phonetic Alphabet.

**52b VOICE AND DICTION**

Three Hours

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue.

Two Hours



**60a PUBLIC PROCEDURE**

A study of the principles and practices of parliamentary law and usage. Each student is given practice in the conduct of business meetings.

Two Hours

**90a,b SPEECH CHOIR\***

Interpretation through choral speaking to develop greater appreciation of poetry and of many Biblical passages. The individual is trained in more accurate, distinct speaking habits. May not be audited.

Two Hours

**130a ORAL INTERPRETATION**

A study of the oral interpretation of the best literary forms, with suggestions for public presentation in a unified and spontaneous response of body and voice.

Three Hours

**132b ORAL INTERPRETATION OF THE BIBLE**

A consideration of the principles of effective oral Bible reading with practice in platform presentation.

Three Hours

**134a,b RADIO SPEECH**

The theory and practice of radio broadcasting with special emphasis upon radio diction and voice control. A public address system and recording machine make the work of the class practical. Radio Speech a is prerequisite to Radio Speech b.

Prerequisite: Speech 3ab or 52ab or 90a,b.

Four Hours

**138a PRINCIPLES OF DISCUSSION**

A study of the fundamental principles of argumentation and the theory and practice of various techniques of discussion, including the forum, panel, and round table.

Three Hours

**140b PERSUASIVE SPEAKING**

The art of persuasion and its influence upon behavior, the basic factors involved, and the avenues of motivation are studied.

Three Hours

**150a,b ADVANCED PUBLIC ADDRESS \***

The composition and delivery of public addresses. Effective extemporaneous speaking and techniques for influencing human behavior through speech.

Six Hours

**160b SEMINAR IN SPEECH PROBLEMS**

A discussion of methods and aims of speech training in the grades, in secondary schools, and in colleges. Limited to upper biennium speech majors and minors.

Two Hours

**170a (or b) SENIOR RECITAL**

The presentation of an acceptable public recital of one hour in length, or participation in a senior public recital.

One-Two Hours

**180a (or b) INDIVIDUAL SPEECH INSTRUCTION**

Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. One or two lessons a week as arranged. Time by appointment.

One-Two Hours

**199 RESEARCH PROJECTS IN SPEECH**

Limited to speech majors.

One-Two Hours

**LIBRARY SCIENCE****59ab LIBRARY SCIENCE**

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student.

Four Hours



## MODERN LANGUAGES

All freshmen and new students planning to enter a language course above the beginning year will be given a placement test to determine their classification.

Before enrolling in a Modern Language course numbered 100 or above a student must have completed 12-14 hours or the equivalent of one language. Education 182a and 184b are recommended for students planning to teach a language.

*Major Requirements:* (French only) 30 hours above French 5ab or the equivalent with 20 hours of upper biennium courses. The latter must include 144a, 145a,b and at least 11 hours of literature. English 61a,b and History 61a,b are recommended.

*Minor Requirements:* 18 hours above the beginning course or its equivalent with at least 9 in the upper biennium.

## FRENCH

## 5ab BEGINNING FRENCH

An introductory study of grammar, pronunciation, reading, composition, and oral practice. One-half to one hour of laboratory practice may be required depending on the individual needs. Eight Hours

## 53ab INTERMEDIATE FRENCH

A continuation of 5ab. A review of grammar with readings from French authors. Prerequisite for 145a,b.

Prerequisite: 5ab or equivalent. Six Hours

## 55a,b READING OF FRENCH MASTERPIECES

Reading and discussion of selected works in French literature. May be taken concurrently with 53ab. Four Hours

## 101a,b VOCABULARY BUILDING

To enlarge the student's vocabulary, mainly through oral use. Four Hours

## 124a,b OUTLINE HISTORY OF FRENCH LITERATURE\*

Literary landmarks from La Chanson de Roland to the 19th century. Special stress on the 17th century. Six Hours

## 140a ROMANTICISM

A study of French literature from 1800 to 1850 with stress on Lamartine, Vigny, Hugo, and Musset. Three Hours

## 142b MODERN FRENCH WRITERS\*

French literature from 1850 to 1900. Three Hours

## 143a,b CONTEMPORARY WRITERS

A study of selected authors of the latter part of the 19th century and the beginning of the 20th. Four Hours

## 144a PRONUNCIATION

A thorough study of the fundamental principles of French pronunciation. Two Hours

## 145a,b ADVANCED COMPOSITION

Further study of grammar and idiomatic expressions with translations of literary works from English into French. Both semesters are required of majors, recommended for minors.

Prerequisite: 53ab. Four Hours

## SPANISH

- 6ab **BEGINNING SPANISH**  
Essentials of Spanish grammar; a systematic training in pronunciation, conversation, and reading. Eight Hours
- 61ab **INTERMEDIATE SPANISH**  
A continuation of 6ab. Grammar review, oral practice, readings from Spanish and Hispanic American authors.  
Prerequisite: 6ab or the equivalent. Six Hours
- 130a **ADVANCED COMPOSITION AND CONVERSATION**  
Recommended for teaching minors. Two Hours
- 132b **ADVANCED GRAMMAR AND COMPOSITION**  
Recommended for teaching minors. Two Hours
- 150a **SPANISH CIVILIZATION**  
A survey of the physical, racial, historical, and artistic elements which have influenced and molded Spanish civilization and culture, and their influence on the cultures of the world. Two Hours
- 154a **SPANISH CLASSICAL LITERATURE**  
A survey of Spanish literature from the Middle Ages to 1700 with emphasis on the Golden Age and Cervantes. Three Hours
- 156b **SPANISH LITERATURE OF THE NINETEENTH CENTURY**  
A study of the main currents in the literature of this period with emphasis on the outstanding authors such as Galdos, Bazan, Ibanez, Valdes, and others. Three Hours
- 158a,b **HISPANIC AMERICAN LITERATURE**  
A survey of the trends in Hispanic American literature from its beginnings to contemporary times with emphasis on Dario, Bello, Palma, and others. Four Hours

## GERMAN

- 7ab **BEGINNING GERMAN**  
An introductory study of grammar, pronunciation, reading, composition, and oral practice. Eight Hours
- 59ab **INTERMEDIATE GERMAN**  
A continuation of 7ab.  
Prerequisite: 7ab or equivalent. Six Hours
- 60a **SCIENTIFIC GERMAN**  
Readings in scientific German especially arranged for students interested in the sciences. 59ab recommended as prerequisite. Two Hours
- 62b **READING OF GERMAN AUTHORS\***  
Recommended for students wishing to study German literature. May be taken concurrently with 59b. Two Hours
- 104a **GERMAN CONVERSATION**  
Intensive practice in German pronunciation and every-day conversation. Two Hours
- 108b **ADVANCED PROSE COMPOSITION**  
A brief grammar review with a great deal of practice in writing. Two Hours
- 120a **SURVEY OF GERMAN LITERATURE**  
A study of the main movements and authors from the beginnings of German literature and their works. Three Hours
- 121ab **GERMAN CLASSICISM\***  
A study of the important authors of the classical period in German literature and their works. Four Hours
- 124b **THE ROMANTIC MOVEMENT\***  
A study of the works and authors of the romantic period. Two Hours

## TEACHING OF MODERN LANGUAGE

For description of these courses, turn to Education 182a, 184b.

## V

### MUSIC AND ART

HAROLD B. HANNUM, *Chairman*

H. ALLEN CRAW

ELLEN SHORT

EDNA S. FARNSWORTH

CHLOE ADAMS SOFSKY

JOHN T. HAMILTON

ALFRED WALTERS

### MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History and Literature, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History and Literature, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History and Literature, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Music 110a, 112b; Voice, Choral Organizations and Conducting, 8 hours.

*Bachelor of Music Education:* See page 59 for the outline of this curriculum.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a Bachelor of Arts degree.

### APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral, and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

1. One or two half hour lessons a week.
2. Three hours of practice for each hour of credit.
3. A satisfactory semester examination must be passed.
4. Participation in public recitals as requested by the instructor.
5. Attendance at the Solo Class.  
(Students desiring more than one hour of credit per semester must take two half hour lessons a week.)

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The maximum amount of credit in applied music allowed on the Bachelor of Arts degree for non-music majors is 8 hours; for music majors taking the Bachelor of Arts degree, 16 hours.

Students pursuing the Bachelor of Music Education degree are required to take two lessons a week in their major field of applied music.

Students in applied music must secure the approval of their instructor before performing in public.

The granting of college credit in applied music presupposes the fulfillment of prerequisites as follows:

*Piano:* The student should be able to play all the major and minor scales correctly and in moderate tempo. He should be able to perform some of the Bach Little Preludes, Two-part Inventions, the easier sonatas of Mozart and Haydn, and compositions of about the fourth grade of difficulty.

*Organ:* The same as piano.

*Voice:* The student should be able to read a simple song at sight, and should have a knowledge of the rudiments of music. Some knowledge of the piano is highly desirable.

*Violin:* The student should be able to play from memory the following scales and arpeggios, compass two octaves, in moderate tempo: the major and melodic minor scales from G to D, detached bowing, one note to a bow, slurred bowing, four notes to a bow; the major and minor arpeggios from G to D, detached bowing, one note to a bow, slurred bowing, three notes to a bow. He should have mastered all or most of the following studies, or others of like standard: Sevcik, *Op. 6*, Parts 1-6; Wohlfahrt, *Op. 45*, Book I; *Op. 74*, Book I; Kayser, *Op. 20*, Book I; Dont, *Op. 38*.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b ELEMENTARY PIANO

This is an introductory course in piano to train students in hymn playing and sacred music. Credit does not apply on a music major.

Two Hours

#### 21a,b APPLIED MUSIC (First Year)

Credit to be arranged

#### 55a,b APPLIED MUSIC (Second Year)

Credit to be arranged

#### 81a,b SOLO CLASS

Required of all students in applied music who receive credit. The performance of music by students and teachers to give students a better understanding of a wide repertoire of music.

No Credit

#### 91a,b STRING INSTRUMENT CLASS

A study of the string instruments of the orchestra to give students an understanding of the basic elementary technique of each.

Two Hours

#### 93a,b WOODWIND INSTRUMENT CLASS

An introductory study of the orchestral woodwind instruments.

Two Hours



**95a,b BRASS INSTRUMENT AND PERCUSSION CLASS**

An introductory study of the orchestral brass and percussion instruments. Two Hours

117a,b APPLIED MUSIC (Third Year) Credit to be arranged

119a,b APPLIED MUSIC (Fourth Year) Credit to be arranged

120a (or b) REPERTOIRE CLASS One Hour

**170a (or b) SENIOR RECITAL**

The presentation of a creditable public recital approved by the music faculty. One-Two Hours

**THEORY****2a ELEMENTS OF MUSIC†**

The study of the rudiments of music, diction, sight-singing and ear-training. Primarily for students without any previous music training. Two Hours

**5ab THEORY I**

A thorough study of the fundamentals of musicianship — chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week. Six Hours

**53a,b THEORY II**

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week. Six Hours

**57a,b SIGHTSINGING**

Thorough drill in intonation, rhythm, music reading, and voice quality. A preparation for choir or ensemble singing. Three class periods a week. Two Hours

**100a MUSIC FORM**

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms. Two Hours

**102b ANALYTIC HARMONY**

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages. Two Hours

**104a MODAL COUNTERPOINT**

A study of the principles of the 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style. Two Hours

**106b TONAL COUNTERPOINT**

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions. Two Hours

**107a,b MUSIC COMPOSITION**

Practice in writing original compositions in the smaller forms. Four Hours

**108a ORCHESTRATION**

A study of the instruments of the orchestra; arranging music for the orchestra. Two Hours

† May not be counted toward the major or minor requirements in music.



## MUSIC HISTORY AND LITERATURE

## 63a,b MUSIC LITERATURE

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

## 109a,b HISTORY OF MUSIC

A chronological study of the various periods in the development of music from the earliest times to the present.

It is desirable that students have an elementary knowledge of theory and music fundamentals before enrolling in this course. Four hours

## 110a CHURCH MUSIC

A survey of the various types of church music, including a study of hymn-tunes, their background and history and their use in the services of the church. Two Hours

## 112b HYMNOLOGY

A study of the hymns and hymn-writers of the church, and the effective use of hymns in worship. Two Hours

## 161a,b AESTHETICS

A basic course in the principles of beauty which are fundamental to an understanding of all the arts. Four Hours

## 199 ADVANCED MUSIC PROJECTS

One-Two Hours

## CONDUCTING

## 6b ELEMENTARY CONDUCTING†

Fundamental rules and practice in conducting congregational singing. Two Hours

## 121a,b ADVANCED CHORAL CONDUCTING†

A review of the principles of conducting. The practical use of music in the church and in evangelism is studied and much representative music is reviewed by the class.

Prerequisite: 6b.

Four Hours

## MUSIC EDUCATION

## 54a TEACHING MUSIC IN THE ELEMENTARY SCHOOL†

Two Hours

(See Social Science Section.)

## 182a TEACHING MUSIC IN THE SECONDARY SCHOOL†

A study of the materials and methods of teaching music in secondary schools. Two Hours

## 190a MUSIC MATERIALS AND TECHNIQUES†

A survey of the best materials and methods of teaching applied music, piano, voice, or violin, or directing choral or instrumental organizations. Two Hours

## ORGANIZATIONS

## 59a,b THE COLLEGE CHOIR†

A highly selective ensemble of seventy-five members, balanced for four and eight part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director. Two Hours

## 61a,b ORCHESTRA†

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. Two Hours

† May not be counted toward the major or minor requirements in music.

**65a,b BAND†**

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year. Two Hours

**71a,b ENSEMBLE MUSIC†**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff.

Credit to be arranged

**171a,b ENSEMBLE MUSIC†**

Credit to be arranged

The curriculum leading to the degree Bachelor of Music Education is offered for those interested in the field of music teaching. This course gives a student concentration (24 hours) in one field of applied music with supplementary instruction in the remaining fields of applied music. Emphasis is given to the technique and practice of teaching music. A 40-48 hour requirement in general college courses provides a basis for general culture.

**OUTLINE FOR BACHELOR OF MUSIC EDUCATION DEGREE**

- I. General Culture — 40 hours
  - Religion — 14 hours (6 hours upper division)
  - Freshman English — 6 hours
  - American History — 6 hours
  - Health — 4 hours
  - Problems of College and Life — 1 hour
  - Electives — 9 hours
- II. Musicianship — 32 hours
  - Theory I and II — 12 hours
  - History of Music — 4 hours (U. D.)
  - Music Form and Analysis — 4 hours (U. D.)
  - Counterpoint — 4 hours (U. D.)
  - Music Composition or Orchestration — 4 hours (U. D.)
  - Organizations\* — 2 hours
  - Advanced Conducting — 2 hours (U. D.)
- III. Performance — 30 hours
  - Instrument or Voice — 24 hours
  - Secondary Applied Music — 6 hours
- IV. Minor in Education — 18 hours
- V. Electives — 8 hours
 

It is recommended that these electives be taken in liberal arts courses.

**VISUAL ARTS**

*Major Requirements:* 30 hours, of which 15 must be in the upper biennium. Art appreciation, 4 hours and Senior Project, 2 hours must be included.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Art appreciation, 4 hours must be included

**DRAWING AND PAINTING****50b LETTERING**

Lectures, laboratory assignments in single stroke Roman, English Text, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

\* Students taking this curriculum are required to join the organization of their applied music field.

† May not be counted toward the major or minor requirements in music.

## 51a (or b) DESIGN

A study of the basic art elements and their function in the composition. Laboratory assignments with definite application of the principles studied. One - Two Hours

## 52b ART EDUCATION†

A study of the fundamental art principles as applied to the needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. Two Hours

## 53a (or b) FUNDAMENTALS OF DRAWING AND PAINTING

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One - Six Hours

## 57a,b CERAMICS

Modeling and glazing of simple pottery forms. (First semester is prerequisite to the second semester.) One - Four Hours

## 61a (or b) SCULPTURE

Modeling or carving in various media. One - Six Hours

## 101a,b COMMERCIAL ART AND ILLUSTRATION

Layout and design for book illustrations and advertising. Prerequisite: 50b. Four Hours

## 103a (or b) PAINTING

Landscape, still-life, or portrait painting in oil or water color. One - Six Hours

## 105a (or b) SCULPTURE

A study of the basic art elements as applied to sculpture. Modeling and casting in various media. One - Four Hours

## 107a (or b) DESIGN

A study of the art elements and their application to abstract design. Two Hours

## 117a (or b) SENIOR PROJECT

A mural or a series of paintings, or a special project in ceramics, planned for the senior student majoring in Art. This project must exhibit an acceptable degree of technical facility and creative power. One - Two Hours

## ART APPRECIATION

## 54a,b ART INTERPRETATION

A study of the fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours

## 119a,b HISTORY OF ART

A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present. Four Hours

## VI

### APPLIED ARTS

FRANK JUDSON, *Chairman*

D. CECIL BARR

W. WALTER KENNEDY

OLA K. GANT

ALWIN L. TOEWS

### HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. *Basic requirements:* The same as for the regular Bachelor of Science degree, plus other courses including those in the major fields and Music, 2 hours, to be chosen in counsel with the major professor to make up the total 128 hour requirement.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. *Required courses:* Home Economics 7ab, 50a or 98b, 52a, and 194b.

#### 7ab FOODS AND COOKERY

A study of the principles of human nutrition, and their application to the dietary problems of the average family, food composition and nutritive values, problems in marketing, meal planning, food preparation and table service. Two class periods with a three-hour laboratory each week.

Six Hours

#### 12a HOUSEHOLD ECONOMICS

A basic study in consumer education from the standpoint of the home and daily living. Study of labels, trademarks, guarantees, and quality standards.

Two Hours

#### 50a ART IN LIFE

This course offers instruction in the use of art elements and principles in the application of design to everyday living, clothing and other aspects of the home.

Two Hours

#### 52a CLOTHING I

This course covers the fundamental techniques of garment selection, construction, fitting, and use of commercial patterns with simple problems in original design. Two class periods with a three-hour laboratory each week.

Three Hours

#### 54b CLOTHING II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health, and economy. Two class periods with a three-hour laboratory each week.

Prerequisite: 52a.

Three Hours

#### 58a COSTUME DESIGNING

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years.

Two Hours



**60b MEAL PLANNING AND TABLE SERVICE**

Instruction and laboratory practice in the planning, preparation, and serving of meals. Study is also made of special occasions.

Prerequisite: 7ab.

Two Hours

**92b TAILORING**

This course comprises a study of the techniques of ladies' tailoring and fitting. One class period with a three-hour laboratory each week.

Prerequisite: 52a.

Two Hours

**98b HOME FURNISHING**

Furnishing a small home from the standpoint of comfort, beauty and economy, with practical application of skills and practices; including a study of the influence of historic design.

Three Hours

**100a NUTRITION**

A study of the composition and nutritive values of food as related to physical fitness, and the selection of a balanced diet for health at various age levels with dietary calculations and standards.

Prerequisite: For Home Economics majors, 7ab.

Three Hours

**114a EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability, and economy of food products. One class period with a three-hour laboratory each week.

Prerequisite: 7ab.

Two Hours

**154b COMMUNITY PROBLEMS IN NUTRITION**

The study and practice of presenting nutrition principles to the community through various avenues of contact. Individual and group field projects in a nutrition-health program.

Prerequisites: 7ab, 100a, Education 10a.

Three Hours

**174a INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing, and service.

Two Hours

**176b QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room.

Two Hours

**182a METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. No laboratory.

Two Hours

**178b CHILD CARE AND DEVELOPMENT**

A study of the child from early prenatal life through the pre-school age, with emphasis upon growth, nutrition, and home education.

Two Hours

**184b NUTRITION IN DISEASE**

A study of the normal diet with modifications necessary in pathological conditions.

Prerequisite: 100a.

Three Hours

**194b HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use, and arrangement of household equipment.

Three Hours

**194bL HOME MANAGEMENT LABORATORY**

An application of the principles of home management. The student has an opportunity to live in the Cottage under supervision for six to eight weeks. Two-hour weekly conferences with the instructor will be arranged.

Prerequisite: 194b (May be taken concurrently).

Three Hours



## AGRICULTURE

*Major Requirements:* 40 hours, 18 of which must be in the upper biennium. Required courses: Agriculture 8a, 12a, 56a, and 188b. A degree of proficiency in applied agriculture in at least two fields of production as is being demonstrated in the college farm program; and the following cognate courses are also required: Chemistry lab, 115ab; Biology lab, 51a; Math. 6a, 8b. It is recommended that the field of minor study be religion, chemistry or biology. The basic requirements are the same as those for the regular Bachelor of Science degree with a total of 128 hours.

*Minor Requirements:* 18 hours, 8 of which must be in the upper biennium.

## AGRONOMY

### 12a FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading farm crops. Two Hours

### 56a SOILS

A course dealing with the genesis, physical and chemical properties, aration, water movement, and classification of the soil.  
Prerequisite: Chemistry lab. Two Hours

### 134a SOIL MANAGEMENT\*

Emphasis is placed on soil conservation. Rotation, green-manure practices, and nutrient requirements of crops are also stressed.  
Prerequisite: 56a. Two Hours

### 136b FERTILIZERS

Commercial fertilizers and their uses; effect of fertilizers upon soils, yields, and composition of crops. Field observation.  
Prerequisite: 56a. Two Hours

### 138b IRRIGATION AND DRAINAGE

A specialized course for those planning to locate in the Southwest. Water supply and methods of use and the influence on the water table are considered. One lecture and one laboratory period each week.  
Prerequisite: 56a. Two Hours

## HORTICULTURE

### 6b LANDSCAPE GARDENING

A general course dealing with the planning and development of home grounds, landscape designs, trees and shrubs most desirable for landscape use. Two Hours

### 8a VEGETABLE GARDENING

A study of the types of vegetable gardening. Emphasis is placed on varieties and cultural methods of common vegetables. Two Hours

### 10a (or b) APPLIED VEGETABLE GARDENING

A practical continuation of the material studied in 8a. Two laboratory periods each week.  
Prerequisite: 8a. Two Hours

### 68a SMALL FRUITS

Recommended practices in the growing of grapes, strawberries, and bush fruits for home and market are thoroughly surveyed. Two Hours

### 70b TREE FRUITS

Selecting, planting, soil management, pruning, spraying, and other activities connected with citrus and deciduous orchards are studied with appropriate laboratory work in the orchard. Three Hours

## LIVESTOCK AND COGNATE COURSES

- 28a **POULTRY HUSBANDRY**  
A general course dealing with the practical phases of the poultry industry. Two Hours
- 52a **DAIRY HUSBANDRY**  
A general study of the economic advantages, selecting, breeding, feeding and management of dairy cattle. Two Hours
- 62a (or b) **POULTRY BROODING**  
A laboratory course in which the student has full responsibility for the care of a hatching of chicks during the first six weeks of life. Open to only a limited number of students each year. Two Hours  
Prerequisite: 28a.
- 78b **DAIRY PRODUCTS AND CREAMERY MANAGEMENT**  
A course planned to acquaint the student with the processing and manufacture of butter, ice cream, and other dairy products. Two lectures and one laboratory period each week. Three hours
- 106b **POULTRY MANAGEMENT**  
Ten lectures are given dealing with the problems of poultry management. Required laboratory work includes formulating and purchasing of poultry feeds, culling, feeding, and a study of records of costs of production. Two Hours  
Prerequisite: 28a.
- 112b **FEEDS AND FEEDING\*\***  
A study of the fundamental needs and practices in animal nutrition. Prerequisites: Chemistry lab, 115 ab, or may be taken concurrently with the latter. Two Hours
- 118a **ANIMAL HUSBANDRY\*\***  
Development, care, use, and marketing of beef and dairy cattle, sheep, horses, mules, etc. Two Hours
- 120a **VETERINARY SCIENCE\*\***  
A brief study of the anatomy of the common farm animals, and the symptoms, diagnosis, treatment, and prevention of their disorders and diseases. Two Hours  
Prerequisites: 118a, and Biology lab.

## GENERAL WORKS

- 11ab **FARM CARPENTRY**  
(See Wood Trades) Four Hours
- 64b **WELDING**  
Two laboratory periods each week designed to acquaint the student with metals, temperatures, fundamental operations of acetylene and electric welding. Two Hours
- 74a **FARM MACHINERY\***  
Selection, operation, and use of common farm implements. Two lectures, one laboratory each week. Three Hours  
Prerequisite: High school physics.
- 114b **TRUCK AND TRACTOR MECHANICS\***  
Fundamentals of internal combustion, maintaining, and repairing of farm engines. One lecture, two laboratories each week. Three Hours
- 170a **AGRICULTURE ECONOMICS\*\***  
A course to aid the student in evaluating data, coordinating the farm activities with the business world, and applying economic principles to the farm operation. Two Hours

## 188b FARM MANAGEMENT\*\*

The organization of farm enterprises and production units. Farm records and cost accounts.

Prerequisite: Minimum of six hours of lower biennium Agriculture. Two Hours

## 199 RESEARCH PROBLEMS IN AGRICULTURE

One - Two Hours

## PRINTING

*Minor Requirements:* 18 hours, 8 of which must be in the upper biennium. A degree of proficiency in applied printing as evidenced by working in a printing plant, preferably the College Press.

## 4b PRINTING FUNDAMENTALS

A combination course consisting of the history of printing, proofreading, printshop English, study of standard proofmarks and practices, and mathematics as applied in a printing office. Two Hours

## 10a ELEMENTARY TYPOGRAPHY

The fundamentals and mechanics of hand composition in setting straight matter, poetry, letterspacing, use of initials, and simple forms. One lecture, two three-hour laboratories per week. Three Hours

## 11a ELEMENTARY TYPOGRAPHY

The same as Printing 10a but with only one laboratory period per week. This course is for those who wish to satisfy the requirements for a vocational credit. Two Hours

## 12b ELEMENTARY DISPLAY

The use of proper principles of display in the designing and printing of letterheads, envelopes, business cards, handbills, and office forms. One lecture, two three-hour laboratories per week. Three Hours

## 13b ELEMENTARY DISPLAY

The same as Printing 12b but with only one laboratory period per week. This course is for those who wish to satisfy the requirements for a vocational credit. Two Hours

## 21a,b ELEMENTARY PRESSWORK

Instruction in the care and maintenance, lockup of type forms, make-ready and feeding of the platen press. One lecture, one three-hour laboratory per week. Four Hours

## 58a ELEMENTARY PHOTOGRAPHY†

A beginning course in photography. Two Hours

## 61a,b ADVANCED TYPOGRAPHY

Study and practice of the principles of hand and machine display and layout of all types of commercial jobs, booklets, and publications. One lecture, one laboratory per week. Four Hours

## 71a,b ADVANCED PRESSWORK

A study of advanced platen press operation including proper make-ready, ink, paper, color and process printing, and other related material. One lecture, one laboratory per week. Four Hours

## 81a,b COMPOSING MACHINE OPERATION I

Keyboard practice and operation of a linotype — setting all types of straight matter, small caps, italics, and special characters. One lecture, six hours practice each week. Six Hours

## 110a,b COMPOSING MACHINE OPERATION II

Advanced work in the operation of a linotype machine with emphasis on both straight matter and commercial work. One lecture, six hours practice each week. Six Hours

## 120a,b SPECIAL PROBLEMS

The student is allowed to choose in which department of a printing plant he desires to specialize. Individual help is then given according to his choice. One lecture, one laboratory per week. Four Hours

†May not be counted toward the minor in printing.

## WOOD TRADES AND DRAFTING

*Minor Requirements:* 18 hours, 9 of which must be in the upper biennium.

### 11ab FUNDAMENTALS OF BUILDING CONSTRUCTION

Theory practice and methods from foundation through roof construction. Classwork 4 hours per week. Four Hours

### 14a (or b) FUNDAMENTALS OF DOMESTIC ARCHITECTURE

The elements of house planning and construction methods; blue print reading for the building trades. Classwork 4 hours per week. Two Hours

### 24b WOOD TURNING

Wood lathes tools and how to use them. Classwork 4 hours per week. Two Hours

### 26a (or b) CABINET MAKING

Study of tools, machines, joints, glues, decoration, finishing, and wood. Theory is applied in fundamental furniture construction problems. Classwork 4 hours per week. Two Hours

### 32a (or b) FUNDAMENTALS OF ENGINEERING DRAFTING

Instruments, lettering, geometric construction, orthographic and pictorial projection, and auxiliary planes. Two Hours

### 51ab BUILDING CONSTRUCTION

Elements of finishing and on the job cabinet work. Classwork 4 hours per week. Four Hours  
Prerequisite: 11ab.

### 56a (or b) FURNITURE CONSTRUCTION

Designed for those with experience in both hand and machine cabinet work. Classwork 4 hours per week. Two Hours  
Prerequisite: 26a (or b).

### 66b PICTORIAL DRAWING

A study of oblique, cabinet, and perspective drawing, and sketching, and fundamental views of oblique planes. Two Hours  
Prerequisite: 14a (or b) or 32a.

### 158b UPHOLSTERED FURNITURE CONSTRUCTION

Building framework and upholstering. Two Hours  
Prerequisite: 56 a (or b).

### 164a (or b) ARCHITECTURAL DRAFTING PRACTICE

Architectural detailing for problems started in Wood Trades. Landscaped model of problem required. Classwork 4 hours per week. Two Hours  
Prerequisite: 14a (or b).

### 166a (or b) ENGINEERING DRAFTING

Assembly and welding, development, isometric, perspective, plot, and contour drawing. Classwork 4 hours per week. Two Hours  
Prerequisite: 32a (or b).

### 182a MATERIALS AND METHODS FOR VOCATIONAL TRAINING

A course designed for those interested in teaching vocations. Trade analysis, outline of instructions, instruction sheets, assignment sheets, reference sheets, job sheets, etc. Will not apply on Wood Trades and Drafting minor. Classwork 2 hours per week. Two Hours  
Prerequisite: 26a (or b) or 11ab.

### 192b MATERIALS OF CONSTRUCTION

Study of materials, their elements, appropriateness, and efficiency. Classwork 3 hours per week. Three Hours



## MISCELLANEOUS

- 16a RADIO I**  
An elementary study of radio circuits and the application of vacuum tubes to such circuits. Includes class and laboratory. Three Hours
- 17a,b AERONAUTICS I**  
An elementary study of aircraft aerodynamics, aircraft engines, meteorology, navigation, radio communication and civil air regulations. Comprises the material of basic ground school. Credit given toward graduation only on completion of both semesters. Three Hours
- 18b RADIO II**  
A study of the radio station: receivers, transmitters and antenna systems. Includes class and laboratory.  
Prerequisite: 16a or equivalent. Three Hours
- 20b RADIO SERVICE INSTRUMENTS**  
Elementary theory and practice in the use of modern service instruments as used in radio construction and repair. Three Hours
- 31ab RADIO SERVICING**  
Classroom and laboratory work using standard procedures designed to assure a quick practical approach to radio servicing problems. Eight Hours
- 32b ELECTRONIC CIRCUITS**  
Theory of operation of radio and T. V. circuits. Designed to prepare the student to pass the theoretical part of commercial radio operator's examination. Three Hours
- 34a RADIO LAW**  
Federal and international laws controlling the operation of radio equipment. Designed to prepare the student to pass the corresponding part of commercial radio operator's examination. One Hour
- 42b AUTO MECHANICS**  
A course designed to acquaint the student with the fundamental care and maintenance of internal combustion engines. Carburetors, distributors, and other common causes of engine trouble are especially emphasized. Two three-hour combined lecture and laboratory periods each week. Two Hours



## VII

### BUSINESS AND ECONOMICS

WILLIAM E. ANDERSON, *Chairman*

RALPH L. KOORENNY

IRENE E. ORTNER

#### BUSINESS

*Major Requirements:* 38 hours, of which a minimum of 19 must be in the upper biennium. Required courses: Business 1ab; 3a,b; 51a,b; 52b; 102a; 104a; and 112b. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Secretarial Science 54a (or b); and 5a,b or 59a,b. Three hours upper biennium Secretarial Science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

##### 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange — the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics. Six Hours

##### 3a,b PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. (First semester is prerequisite to the second semester.) Six Hours

##### 51a,b INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems. Prerequisite: 3a,b. (First semester is prerequisite to the second semester.) Four Hours

##### 52b BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations. Three Hours

##### 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine. Prerequisites: 3a,b, and Secretarial Science 54a (or b) One Hour

##### 62a ACCOUNTING FUNDAMENTALS

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only. Two Hours

##### 102a MONEY, BANKING AND CREDIT\*

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business. Prerequisite: 1ab. Three Hours

**103a,b MARKETING\***

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.

Prerequisite: lab.

Four Hours

**104a COST ACCOUNTING**

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51a,b.

Two Hours

**106b BUSINESS FINANCE**

Financial problems of business organization; launching of an enterprise; sources of capital; stocks and bonds; principles of borrowing; or, relation of finance to the business cycle; distribution of earnings; reorganization.

Prerequisite: 3a,b.

Three Hours

**110b ELEMENTS OF STATISTICS\***

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education.

Three Hours

**112b ACCOUNTING SYSTEMS**

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.

Two Hours

**114ab ADVERTISING\***

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**116a CURRENT ECONOMIC PROBLEMS**

Economic problems of current importance; application of economic principles to a dynamic business world.

Prerequisite: lab.

Three Hours

## SECRETARIAL SCIENCE

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Secretarial Science 15a; 54a (or b); 59a,b; 64a; 70b; 72a (or b); and 74a (or b). A maximum of 4 hours in Business and Economics may be included in the total upper biennium hours. Extra-departmental requirement: Business lab.

*Minor Requirements:* 18 hours, at least 9 of which must be in the upper biennium. Required courses: Secretarial Science 64a and 70b.

## TYPEWRITING

**5a,b TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use. (First semester or equivalent is prerequisite to the second semester.)

Two Hours

**59a,b TYPEWRITING II**

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects. (First semester is prerequisite to the second semester.)

Prerequisite: 5a,b or equivalent.

Two Hours

## SHORTHAND

## 7ab SHORTHAND I

Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute. Eight Hours

## 64a SHORTHAND II

Dictation practice on business and denominational material. Includes training in fast and accurate transcription of shorthand dictation. Four Hours  
Prerequisite: 7ab or equivalent.

## 107a,b ADVANCED SHORTHAND

Rapid dictation and transcription of Congressional and denominational material. Six Hours  
Prerequisite: 64a.

## 150a SHORTHAND REPORTING\*

Rapid dictation and transcription of Congressional and other technical materials and reporting of sermons and lectures. Two Hours  
Prerequisite: 107b

## OFFICE PRACTICE

## 15a SECRETARIAL ACCOUNTING

Instruction in accounting fundamentals adapted to the needs of future secretaries and stenographers. Will not apply on a Business major or minor. Three Hours

## 54a (or b) BUSINESS MACHINES

Instruction and practice on various types of calculating, adding, and duplicating machines. One Hour  
Prerequisite: 5a,b or equivalent.

## 70b SECRETARIAL PRACTICE

Instruction in office procedures, business ethics, and the personal qualifications of the secretary. Two class periods and a three-hour laboratory per week. Three Hours  
Prerequisite: 64a.

## 72a (or b) EDIPHONE

Instruction and practice in the use of the Ediphone, with emphasis on fast and accurate transcribing from the secretarial unit. One Hour  
Prerequisite: 5a,b or equivalent.

## 74a (or b) FILING

A study of the filing systems most commonly used in business; practice in both card and correspondence filing. One Hour

## 182a TECHNIQUES AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING\*

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting. Two Hours

## 162b OFFICE MANAGEMENT

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space and organizing the flow of work through the office. Three Hours

## 199 PROJECTS IN DIVISION VII

One-Two Hours

# SPECIAL CURRICULA

## THEOLOGY

La Sierra College Theology training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theology curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours.

*Major Requirements:* 48 hours, 20 of which must be in the upper biennium, including the courses listed below:

### *Specific Requirements:*

Religion Courses	Hours
Life and Teachings of Jesus .....	4
Bible Doctrines .....	6
History of the Christian Church .....	6
Daniel and Revelation (U.D.) .....	5
New Testament Epistles .....	6
Public and Field Evangelism .....	4
Gift of Prophecy .....	3
Homiletics .....	6
Old Testament Prophets .....	6
Personal Evangelism .....	4

### Cognate Courses

Beginning New Testament Greek .....	8
Intermediate New Testament Greek .....	6
Speech (including Fundamentals of Speech) .....	9
European Civilization .....	3
Accounting Fundamentals .....	2

## BIBLE INSTRUCTORS

*Major Requirements:* 35 hours, 15 of which must be in the upper biennium. In addition to the basic requirements for the Bachelor of Arts degree the following courses are required:

### *Specific Requirements:*

Religion Courses	Hours
Bible Doctrines .....	6
Personal Evangelism .....	4



New Testament Epistles .....	6
Old Testament Prophets .....	3
Gift of Prophecy .....	3
Daniel and Revelation (U.D.) .....	5
Bible Instructor Evangelism .....	2
(second semester)	
History of the Christian Church .....	6
Cognate Courses	
European Civilization .....	3
Speech .....	7
Music .....	4

## NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of Bachelor of Science in Nursing Education with a minor in Biology or in Secondary Education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited Seventh-day Adventist school of nursing. Nurses who have completed the prenursing curriculum may meet the requirements for a degree with approximately 42 semester hours additional work. The nurse who has not had college prenursing will need to take additional work. It is recommended that the nurse who plans on administrative work or teaching take additional work in the field of education and psychology.

*Major Requirements:* In addition to work taken in the school of nursing and the basic requirements for the Bachelor of Science degree, 12 semester hours are required in the field of Nursing Education, including Health 160b.

## PREMEDICAL

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges.

In planning their college courses, premedical students should include those courses required by the admissions committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. A college degree is necessary for admission to most medical schools. With this in mind, students should decide on a major and a minor preferably by the beginning of the second year and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists, a student should:

- Maintain a satisfactory conduct and character rating.
- Reach a minimum scholarship average of 1.5 in both science and non-science courses.
- Take the medical aptitude test during the 12 months preceding his application.



- d. Receive credit in the courses required by the College of Medical Evangelist for admission. These courses are as follows:

	Sem. Hrs.
Chemistry .....	16
Physics .....	8
Biology .....	8
Embryology .....	3
Genetics (recommended) .....	3
Freshman English .....	6
French, German, or Spanish* .....	6-12
American History and Government .....	5
Religion .....	12

\* When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 14 hours. Students taking two years of Latin in high school must begin one of the above modern languages on the college level and complete 12 semester hours in the same language.

### PREMEDICAL TECHNOLOGY

Three years of college work totaling 96 semester hours are required as preparation for medical technology.

#### *First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Problems of College and Life .....	1	
Freshman English .....	3	3
Mathematics .....	3	3
General Chemistry .....	4	4
General Zoology .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

#### *Second Year*

Religion .....	2	2
Language .....	3	3
General Physics .....	4	4
Quantitative Analysis .....	4	
Microbiology .....		4
Mammalian Anatomy .....	2	
Electives .....	1	3

#### *Third Year*

Religion .....	2	2
Organic Chemistry .....	3	3
Physiology .....	2	2
American History .....	3	
United States Constitution .....		2
Biochemistry .....		4
Electives .....	6	3

## PREPHYSICAL THERAPY

Two years of college work totaling 64 semester hours are required as preparation for physical therapy.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
General Zoology .....	3	3
General Chemistry .....	4	4
Problems of College and Life .....	1	
Microbiology .....		4
General Psychology .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Quantitative Analysis .....	4	
Mammalian Anatomy .....	2	
United States Constitution .....		2
American History .....	3	
Electives** .....	1	8

Electives are to be chosen in counsel with adviser. Suggested by the College of Medical Evangelists are such courses as: Physics, organic chemistry, biochemistry, embryology, educational psychology, human anatomy, public speaking.

## PREDIETETICS

Two years of college work totaling 64 semester hours are required as preparation for the two years professional training for dietetics.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Problems of College and Life .....	1	
General Chemistry .....	4	4
Foods and Cookery .....	3	3
General Psychology .....	3	
Electives .....		3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	
Microbiology .....		4
American History .....	3	
United States Constitution .....		2
Educational Psychology .....		3
Speech .....	2	2
Electives** .....		8
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Recommended Electives:* Typewriting, journalism, accounting, music, interior decorating, clothing, public speaking, and methods of teaching.

\*\*Must include 6 hours of additional credit in physiology, sociology or economics.

## PRE DENTAL

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	3
Problems of College and Life .....	1	
General Chemistry .....	4	4
General Zoology .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Organic Chemistry .....	3	3
American History .....	3	
United States Constitution .....		2
Electives .....	4	5
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## PRENURSING

	Semester Hours	
	First	Second
Religion .....	2	2
Chemistry for Nurses .....	3	3
Freshman English .....	3	3
Anatomy and Physiology .....	4	2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Problems of College and Life .....	1	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## PRE-X-RAY TECHNIQUE

One year of college work with a total of 32 semester hours is required as preparation for X-ray technique.

The course of study must include college physics. It is also recommended that courses in chemistry, anatomy and physiology should be taken.

## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay the cashier their guarantee deposit before beginning registration.

The entrance fee and the student association fees are included in the tuition. Students taking less than 4 hours are not entitled to student publications or student association privileges because these have not been added to the tuition they pay.

*The guarantee deposit* is \$85.00 for resident (boarding) students and \$45.00 for non-boarding or day students. This deposit takes the place of the advance charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. Students registering after the regular registration days must pay a fee of \$5.00.

The above items are payable by all students. Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket. For students in Chemistry 3ab the price of the ticket is \$7.00. For those enrolling in other chemistry courses, the price is \$10.00; \$5.00 breakage tickets are required in biological courses using breakable equipment. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the college on or before September 1.

## TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$ 12.40	9 .....	\$113.30
2 .....	24.80	10 .....	125.50
3 .....	37.20	11 .....	137.70
4 .....	52.30	12 .....	149.90
5 .....	64.50	13-16 .....	162.10
6 .....	76.70	17 .....	174.30
7 .....	88.90	18 .....	186.50
8 .....	101.10		

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for first session and in July for second session. Statements are prepared each calendar month and are payable when presented.

Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

## ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$17.00 per month
Angwin Hall and Calkins Hall.....	18.00 per month
Special rooms in Angwin Hall.....	19.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the college, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The Health Service fee applies toward the expenses of maintaining a nursing staff at the college and includes simple treatments, medications and general nursing care. It does not include doctor's fees, special prescriptions, prolonged nursing care or physical therapy treatments.

If a student finds it necessary to receive hospitalization in the infirmary, a charge of \$1.00 per day for its use will be made.



## PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$28.00 per semester for one lesson a week; \$48.00 per semester for two lessons a week. Single lessons are \$2.25 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up. Less than eight lessons per semester will be charged at the single lesson rate.

## FEES AND RENTALS

### *Application Fee:*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Laboratory Fees:*

All freshman and sophomore courses having a one credit hour laboratory (course numbers 1-99) the laboratory fee will be \$7.50 per semester per course.

All freshman and sophomore courses having a two credit hour laboratory (course numbers 1-99) the laboratory fee will be \$10.00 per semester per course.

All junior and senior courses having a laboratory (course numbers 100 and above) the laboratory fee will be \$10.00 per semester per course.

### *Exceptions:*

Nurse's Chemistry .....	\$ 5.00
Physical Science Survey .....	3.00
Biological Science Survey .....	3.00
Mechanical, Architectural, Engineering Drawing and Carpentry .....	3.50
Cabinet Making and Woodturning .....	7.50
Linotype (5 hours per week) .....	20.00
Welding .....	30.00

All clothing and tailoring classes \$3.00; all foods classes with a laboratory \$10.00.

All Business courses having a laboratory carry a laboratory fee of \$3.00 per semester.

All drawing and painting courses carry a laboratory fee of \$3.00 per semester, with the exception of sculpture and ceramics which carry a fee of \$5.00 per semester hour of credit.

### *Medical Examinations:*

All students are required to bring completed physical examination blanks with them when they come to register. If they do not it will be necessary for them to take the examination here at the college for which a \$3 charge will be made by the college payable in advance. No one will be allowed to begin registration until the medical blank has been approved.

*Fine Arts — Music:*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not.

*Physical Education:*

Physical Education .....	Per Semester \$2.00
--------------------------	------------------------

*Rentals:*

Typewriter, one period per day .....	Per Month \$1.50
Music Instruments .....	1.50
Music Rentals .....	Per Semester
Practice Room, one hour a day .....	\$ 5.00
Practice Room, two hours a day .....	8.00
Pipe Organ, Estey, two hours a week .....	14.00
Pipe Organ, Wurlitzer, three hours a week .....	14.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35

*Special Fees:*

Permit for each special examination .....	3.00
Change of class after two weeks .....	1.00
Degree .....	5.00
Diploma — Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration .....	5.00
Medical Aptitude Test .....	10.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the college, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

## THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the college such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

## COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account. All checks paying school expenses should be made out to the college. All checks for personal cash are to be made out to the students, not the the college. Please do not combine money to be given to students with the check which pays the school bill. Purchases of books are personal items that the student buys for cash, and they are not considered as part of the school bill.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the dormitory dean.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the college are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The college reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

### LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Labor credits cannot be transferred to any person other than a brother or sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

### SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public Law* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law* 346, 78th Congress, 1944).

Veterans wishing to attend school under the provisions of *Public Law* 346 should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law* 16 should be evidenced by a letter authorizing such training signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by presenting an "Authorization Certificate" or showing a photostatic copy of a certificate of eligibility from the State.



Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that suspended items by the Government, either State or Federal, will be paid by them. Veterans will do well to plan to have sufficient funds to cover at least two months' living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts until government subsidies are received.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the college. Details of such scholarships should be obtained from the business office before the student begins work.

### ENROLLMENT ANALYSIS 1949 - 1950

Regular Semesters	Men	Women	Total
Freshmen .....	143	121	264
Sophomores .....	97	63	160
Juniors .....	123	38	161
Seniors .....	137	32	169
Special and Unclassified .....	20	14	34
Extension Divisions .....	8	9	17
Postgraduates .....	13	16	29
Preparatory School .....	90	88	178
Summer Sessions			
Freshmen .....	10	5	15
Sophomores .....	14	11	25
Juniors .....	33	15	48
Seniors .....	69	8	77
Special and Unclassified .....	6	12	18
Preparatory School .....	11	19	30
COLLEGE TOTAL .....			1017
PREPARATORY SCHOOL TOTAL .....			208

## GRADUATES OF 1949

### BACHELOR OF ARTS

Robert Richard Banks  
 Martin Grey Banta  
 Doyle Meloy Barnett  
 Dorothy O. Terry Becker  
 Robert Becker  
 Thornton A. Beckner  
 Milton R. Borg  
 Richard Easton Brauer  
 Leslie Ernest Brooks  
 Alden Westphal Carleton  
 Muriel O. Carscallen  
 Mun On Chang  
 Duane Afton Coon  
 Vernon Louis Curtis

Robert Noy Daniel  
 Bowman Andrew Deal  
 Richard Albert Dunbar  
 William F. Dunbar  
 Daniel Albert Emde  
 Eloise Walker Evans  
 Sylvester Orville Francisco  
 Gerald Elmer French  
 Ernest M. Fujimoto  
 Joan Carol Goude  
 Marguerite Elaine Hannum  
 Ardyce Elaine Hanson  
 Deone Myrl Hanson  
 George Tryon Harding



Everard Raymond Hicks  
 Ina Jean Hopson  
 Olga Elizabeth Husman  
 Obed Emanuel Jensen  
 Archie Earl King  
 Valerie June Kissinger  
 Rothman Marion Lane  
 Gordon Eugene Lewis  
 Herbert Logan  
 Milo William Loye  
 Dicran Abraham Mazlum  
 John McWhinney  
 Charles Edwin Michaelis  
 Harry Franklin Moor  
 John William Mortensen  
 Milton James Murray  
 Lilah Aleta Nahorney  
 Beatrice May Short Neall  
 Guy Oliver Neuman  
 Nancy June Neuman  
 Bruce Eugene Nicola  
 Kathleen Neal Nicola  
 Richard Nies  
 Carl C. Nydell  
 William Howard Olson  
 Robert Leslie Paddock

John D. Phillips  
 Thaine B. Price  
 George L. Pursley  
 Lois Veola Raymond  
 Arthur C. Robbins  
 Gertrude Ross  
 Beverly Marie Freese Russell  
 Paul William Schooley  
 Doris Elaine Sheldon  
 Donald Keith Shields  
 Leslie Albert Smart  
 Houston Franklin Stevens  
 Winona Annetta Striplin  
 Floyd Luther Templeton  
 Vivian Vinette Kinch Templeton  
 Harvey J. F. Tyau  
 Robert Staughton Vannix  
 Ellsworth Eugene Wellman  
 Robert Lester Wheatley  
 Robert LeRoy Whitaker  
 James Arthur Wieden  
 J. Dick Wohlgenuth  
 Robert Lewis Wyckoff  
 Richard Dale Zigler  
 Joseph Eugene Zimmerman

## BACHELOR OF SCIENCE

### Business Administration

Paul D. Abrams  
 Elbridge Dunbar McVoy  
 Mary L. Newman  
 Fred M. Rasmussen  
 Channell Amiel Rockwell  
 Ralph Eugene Winchester

### Home Economics

Edith James Moor  
 Marjorie Imogene Yates  
 Beatrice Y. T. Zane

### Nursing Education

Marianette Eileen Isaac  
 Geddis  
 Floy I. Purdey

### Science

Ivan Murray Angell  
 Donald R. Ballard  
 Calvin LeRoy Edwards  
 Clifford Heath Imes  
 Mark Richard Keltner  
 E. Edgar Miles  
 Charles J. Richardson  
 Dunbar Wallace Smith  
 Frank J. Stump  
 Bertrand Addison Vipond

### Secretarial Science

Mary Dona Ball  
 Lois McKee

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ARROWHEAD

MT San Geronimo

MT San Jac

Joshua Forest

Arrowhead

Hot Springs

BENJAMONT

March Field

Cajon Pass

REDLANDS

LOMA LINDA

SAN BERNARDINO

PERR

MT Balay

Sam's

RIVERSIDE

Orange Groves

La Sierra College

ONTARIO

POMONA

Lemon Groves

ARCADIA

San Gabriel

San Gabriel Mission

Orange Groves

PASADENA

Rose Bowl

GLENDALE

SANTA R

Oil fields

San Fernando Mission

LOS ANGELES

HOLLYWOOD

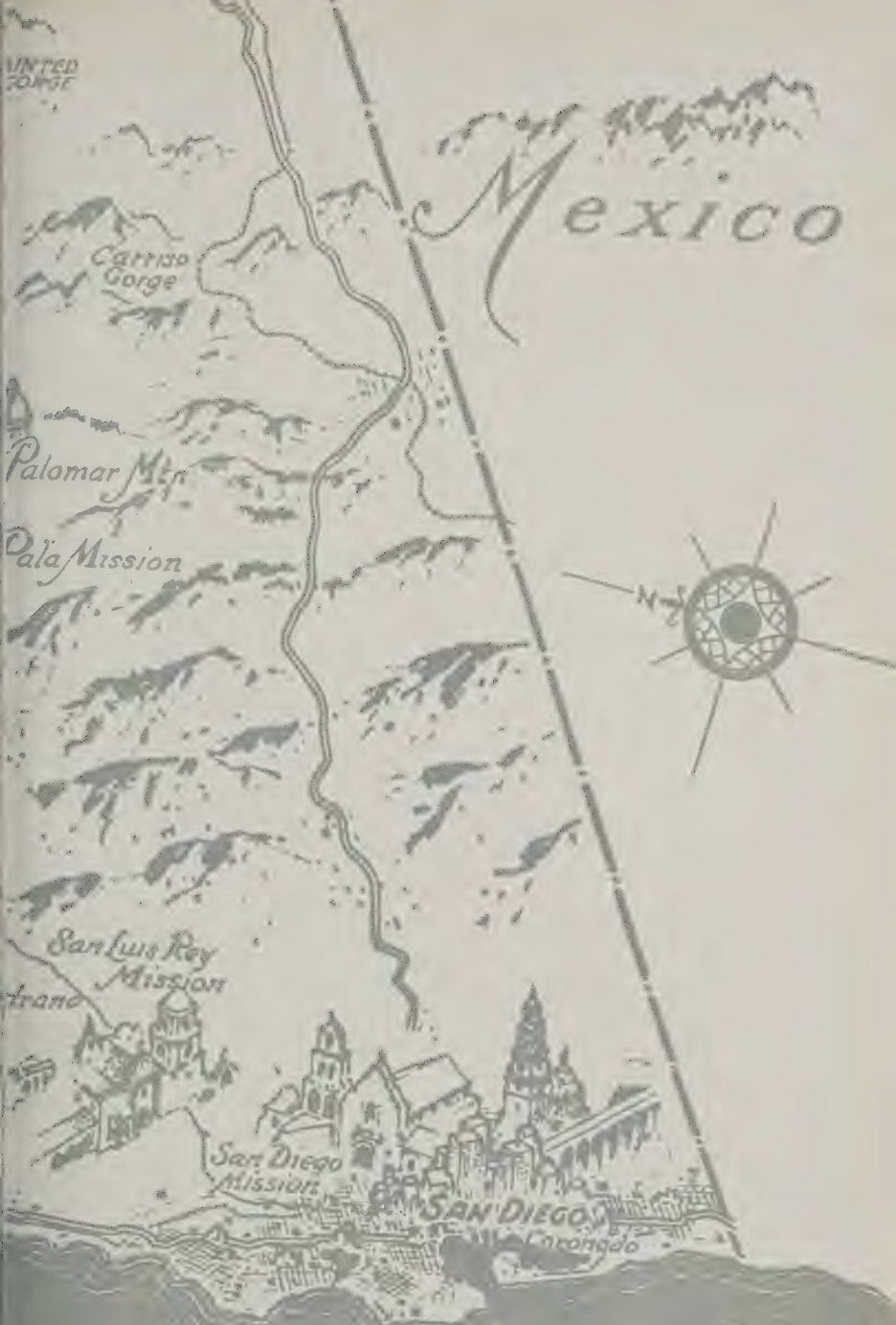
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51/52



BULLETIN

1951-1952

LA SIERRA COLLEGE  
ARLINGTON, CALIFORNIA









Large Arrowhead

Mt. San Geronimo

Mt. San J

Joshua Forest

Arrowhead Hot Springs

Benjamin

March Field

Cajon Pass

ORENLANDS  
PLOMA LINDA  
SAN BERNARDINO

Mt. Baldy

RIVERSIDE

Orange Groves

La Sierra College

ONTARIO

POMONA

Lemon Groves

ARCADIA

Santa Anita

San Gabriel Mission

Orange Groves

PASADENA

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Oil fields

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# LA SIERRA COLLEGE

## BULLETIN

CATALOG NUMBER

1951 - 1952



PUBLISHED BY  
LA SIERRA COLLEGE  
Arlington, California

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# CALENDAR

1951 - 1952

September	January	May
S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5	1 2 3
2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10
9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17
16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24
23 24 25 26 27 28 29	27 28 29 30 31	25 26 27 28 29 30 31
30		
October	February	June
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2	1 2 3 4 5 6 7
7 8 9 10 11 12 13	3 4 5 6 7 8 9	8 9 10 11 12 13 14
14 15 16 17 18 19 20	10 11 12 13 14 15 16	15 16 17 18 19 20 21
21 22 23 24 25 26 27	17 18 19 20 21 22 23	22 23 24 25 26 27 28
28 29 30 31	24 25 26 27 28 29	29 30
November	March	July
S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1	1 2 3 4 5
4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12
11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19
18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26
25 26 27 28 29 30	23 24 25 26 27 28 29	27 28 29 30 31
30 31	30 31	
December	April	August
S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5	1 2
2 3 4 5 6 7 8	6 7 8 9 10 11 12	3 4 5 6 7 8 9
9 10 11 12 13 14 15	13 14 15 16 17 18 19	10 11 12 13 14 15 16
16 17 18 19 20 21 22	20 21 22 23 24 25 26	17 18 19 20 21 22 23
23 24 25 26 27 28 29	27 28 29 30	24 25 26 27 28 29 30
30 31		31

**Bold Dates**—Financial periods close (Accounts due within ten days).

**Underscore**—Examination days.

# CALENDAR OF EVENTS

1951 - 1952

## SUMMER SESSIONS 1951

Registration .....	June 10
First Summer Session Begins .....	June 11
Second Summer Session Begins .....	July 23

## FIRST SEMESTER

Freshman Days (Attendance Required) .....	September 24, 25
Freshman Registration .....	September 25
Registration .....	September 24, 25
Instruction Begins .....	September 26
Founder's Day .....	October 3
Fall Week of Prayer .....	October 12 - 20
Mid-Semester Examinations .....	November 19 - 21
Autumn Recess 12:30 p.m. ....	November 21
to 6:00 p.m. ....	November 25
Senior Organization .....	December 3
Senior Presentation .....	December 17
Winter Vacation 12:30 p.m. ....	December 19
to 6:00 p.m. ....	January 1
First Semester Examinations .....	February 4 - 8

## SECOND SEMESTER

Second Semester Registration .....	February 10
Second Semester Instruction Begins .....	February 11
College Day .....	March 5
Spring Week of Prayer .....	March 14 - 22
Mid-Semester Examinations .....	April 7 - 9
Spring Recess 12:30 p.m. ....	April 9
to 6:00 p.m. ....	April 13
Alumni Homecoming .....	May 4
Second Semester Examinations .....	June 2 - 6
Consecration .....	June 6
Baccalaureate .....	June 7
Commencement .....	June 8

## SUMMER SESSION 1952

Registration .....	June 15
First Summer Session Begins .....	June 16
Second Summer Sessions Begins .....	July 28

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the college and faculty appointments should be addressed to the president.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
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## INSTRUCTIONAL STAFF

- WILFRED J. AIREY, Ph.D.** *Professor of History*  
A.B., Walla Walla College, 1933; A.M., University of Washington, 1938; Ph.D., University of Washington, 1945. Present position, 1941 - .
- MARGARETE AMBS, A.M.** *Professor of Modern Languages*  
A.B., Emmanuel Missionary College, 1935; A.M., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944; Western Reserve University, 1948-1949. Present position, 1938 - .
- DONALD M. BROWN, Ph.D.** *Professor of Biology*  
A.B., Washington Missionary College, 1944; M.S., University of Maryland, 1948; Ph.D., University of Maryland, 1950. Present position, 1951 - .
- LESTER H. CUSHMAN, M.S.** *Professor of Mathematics*  
A.B., Pacific Union College, 1930; M.S., University of Southern California, 1932; graduate work, University of Southern California, 1947-1948. Present position, 1930 - .
- LLOYD E. DOWNS, A.M.** *Professor of Biology*  
A.B., Pacific Union College, 1933; A.M., Pacific Union College, 1945; graduate work, University of Southern California, 1947-1951. Present position, 1944 - .
- OLA K. GANT, Ph.D.** *Professor of Home Economics*  
B.S., George Peabody College for Teachers, 1929; M.S., University of Colorado, 1935; Ph.D., University of Wisconsin, 1943. Present position, 1950 - .
- HAROLD B. HANNUM, M.Mus., A.A.G.O.** *Professor of Organ and Theory*  
A.B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M.Mus., Northwestern University, 1935. Present position, 1944 - .
- J. CECIL HAUSSLER, Ph.D.** *Professor of Religion*  
A.B., Walla Walla College, 1923; A.M., Occidental College, 1927; Ph.D., University of Southern California, 1945. Present position, 1944 - .
- EDWARD HEPPENSTALL, Ph.D.** *Professor of Religion*  
B.Th., Stanborough Park College, England, 1928; A.B., Emmanuel Missionary College, 1933; A.M., University of Michigan, 1934; Ph.D., University of Southern California, 1951. Present position, 1940 - .
- MAYBEL JENSEN, A.M.** *Professor of Elementary Teacher Education*  
A.B., Union College, 1925; A.M., University of Southern California, 1932; graduate work, University of Southern California, summers 1933-1936, 1939-1943. Present position, 1925 - .
- FRANK JUDSON, M.S.** *Professor of Agriculture*  
B.S., Madison College, 1938; M.S., University of Tennessee, 1940; Present position, 1948 - .
- THOMAS A. LITTLE, Ph.D.** *Professor of English*  
A.B., Washington Missionary College, 1917; A.M., University of North Carolina, 1924; Ph.D., University of Nebraska, 1950; Present position, 1949 - .
- IRENE E. ORTNER, A.M.** *Professor of Secretarial Science*  
A.B., Atlantic Union College, 1934; A.M., Boston University, 1939. Present position, 1944 - .

- LOUIS C. PALMER, M.S. *Professor of Chemistry*  
A.B., Union College, 1917; M.S., University of Southern California, 1935; graduate work, University of Southern California, (summers, 1940-1945) 1946-1947. Present position, 1936 - .
- MABEL CURTIS ROMANT, A.B., M.O. *Professor of Speech*  
A.B., Emmanuel Missionary College, 1925; M.O., Chicago School of Expression and Dramatic Art, 1929; graduate work, Catholic University of America, 1936, 1937. Present position, 1940 - .
- JULIAN L. THOMPSON, Ph.D. *Professor of Physics*  
B.S., Pacific Union College, 1923; M.S., University of Oklahoma, 1931; Ph.D., University of Chicago, 1939. Present position, 1946 - .
- ROBERT W. WOODS, Ph.D. *Professor of Physics*  
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- 
- BRUCE W. HALSTEAD, M.D. *Lecturer in Ichthyology and Herpetology*  
B.A., University of California, 1943; M.D., College of Medical Evangelists, 1948. Present position, 1950 - .
- 
- WILLIAM E. ANDERSON, M.Bus.Adm. *Associate Professor of Business Administration*  
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- \*WALTER B. CRAWFORD, A.M. *Associate Professor of English*  
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- EDNA S. FARNSWORTH, B.F.A., M.Mus. *Associate Professor of Piano*  
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- JOHN T. HAMILTON, M.Mus. *Associate Professor of Voice*  
B. Mus., Northwestern University, 1941; M. Mus., Northwestern University, 1945. Present position, 1947 - .
- GEORGE T. SIMPSON, A.M. *Associate Professor of Secondary Education*  
A.B., Walla Walla College, 1934; A.M., University of Denver, 1947; graduate work, Columbia University, 1948-1949. Present position, 1947 - .
- ALFRED WALTERS, M.Mus. *Associate Professor of Violin*  
B.S., Fredonia State Teachers' College, 1940; M.Mus., Boston University, 1946. Present position, 1947 - .
- 
- H. ALLEN CRAW, M.Mus. *Assistant Professor of Piano*  
A.B., Emmanuel Missionary College, 1946; M.Mus., North Texas State College, 1948; graduate work, Eastman School of Music, summers 1949, 1950. Present position, 1950 - .
- HELEN F. LITTLE, A.M. *Assistant Professor of English*  
A.B., Union College, 1937; A.M., University of Nebraska, 1938. Present position, 1950 - .
- CHLOE ADAMS SOFSKY, A.B., B.F.A. *Assistant Professor of Art*  
A.B., Union College, 1933; B.F.A., University of Nebraska, 1937; graduate work, Claremont College, summers 1948, 1949. Present position, 1945 - .

- WALTER F. SPECHT, A.M. *Assistant Professor of Biblical Languages and Religion*  
B. Th., Walla Walla College, 1936; A.M., Seventh-day Adventist Theological Seminary, 1947. University of Chicago, 1949-51. Present position, 1945 - .
- 
- D. CECIL BARR, M.Ed. *Instructor in Agriculture*  
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- LILLIAN L. BEATTY, A.M. *Instructor in English*  
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- \*THOMAS HARRISON BLINCOE, A.B. *Instructor in Religion*  
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- MAUDIE BRYAN, R.N., B.S. *Instructor in Physical Education*  
R.N., Paradise Valley Sanitarium and Hospital, 1935; B.S., Walla Walla College, 1940. Present position, 1948 - .
- ANNA P. EDWARDSON, A.M. *Instructor in Prenursing and Nursing Education*  
A.B., Redlands University, 1935; A.M., University of Washington, 1939. Present position, 1948 - .
- HOPE H. HAYTON, B.S. in L.S., A.M. *Instructor in Library Science*  
A.B., Pacific Union College, 1929; A.M., University of Southern California, 1934; B.S. in L.S., University of Southern California, summers 1947, 1948. Present position, 1946 - .
- ALGER F. JOHNS, A.M. *Instructor in Biblical Languages*  
A.B., Pacific Union College, 1939. A.M., Seventh-day Adventist Theological Seminary. Present position, 1949 - .
- RALPH L. KOORENNY, A.M. *Instructor in Business Administration*  
A.B., Walla Walla College, 1946; A.M., Washington State College, 1948. Present position, 1948 - .
- EDWARD NACHREINER, A.M. *Instructor in Modern Languages*  
A.M., University of Nebraska, 1937; graduate work, University of Munich, summer 1938; Washington University, 1938-1939. Present position, 1950 - .
- WILLIAM J. NAPIER, A.B. *Instructor in Physical Education*  
A.B., Union College, 1949; graduate work, University of Colorado, 1949-1950. Present position, 1950 - .
- JAMES RIGGS, A.B. *Instructor in Physics*  
A.B., La Sierra College, 1947; graduate work, University of Southern California, summer 1948. Present position, 1947 - .
- H. RAYMOND SHELDEN, B.S. *Instructor in Chemistry*  
B.S., Emmanuel Missionary College, 1937; graduate work, Indiana University, summers 1939, 1940. Present position, 1948 - .
- ELLEN OBLANDER, A.M. *Instructor in Piano*  
A.B., Emmanuel Missionary College, 1945; A.M., Boston University, 1948. Present position, 1945 - .
- ALVIN L. TOEWS, A.B. *Instructor in Industrial Arts*  
A.B., Pacific Union College, 1925; Fresno State College, 1930. Present position, 1939 - .



- ROLAND D. WALTERS, M.S. *Instructor in Biology*  
 A.B., Walla Walla College, 1947; M.S., Oregon State College, 1949.  
 Present position, 1949 -
- RAYMOND RYCKMAN, B.S. *Lecturer in Entomology*  
 B.S., University of California, 1950; graduate work, University of  
 California, 1949-1950. Present position, 1950 -
- ELMER J. DIGNEO, B.S. *Instructor in Education*  
*Secondary School Principal*  
 B.S., La Sierra College, 1945; graduate work, Claremont College, sum-  
 mer 1948. Present position, 1940 -
- ADOLPHUS H. PARKER, A.M. *Instructor in Education*  
*Supervisory Teacher in Secondary Education*  
 A.B., Union College, 1926; A.M., University of Minnesota, 1937.  
 Present position, 1947 -
- NELLIE PHILLIPS, M.Bus. Edu. *Instructor in Education*  
*Supervisory Teacher in Secondary Business*  
 A.B., Union College, 1941; M.Bus.Edu., University of Colorado, 1947.  
 Present position, 1947 -
- FEDALMA RAGON, A.B. *Instructor in English*  
*Supervisory Teacher in Secondary English*
- MARY WITCHEY GROOME, A.M. *Instructor in Education*  
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## FACULTY COMMITTEES

### *Administrative Council*

G. T. Anderson, Robert W. Woods, W. E. Anderson, Mary I. Champion, Elmer J. Digneo, Edward Heppenstall, Harold F. Lease, Thomas A. Little, Lois McKee, Julian Thompson.

### *Religious Activities*

Walter F. Specht, Lillian Beatty, Helen Evans, Ola K. Gant, J. Cecil Haussler, Hope Hayton, Edward Heppenstall, A. F. Johns, Harold F. Lease, Lois McKee, A. L. Toews.

### *Academic Policies*

Robert W. Woods, Wilfred J. Airey, Mary I. Champion, Harold B. Hannum, Edward Heppenstall, D. Glenn Hilts, Frank Judson, Thomas A. Little, Louis C. Palmer, George T. Simpson.

### *Curriculum*

Robert W. Woods, Mary I. Champion, Wilfred J. Airey, Margarete Ambs, W. E. Anderson, Donald M. Brown, Anna P. Edwardson, Ola K. Gant, Harold B. Hannum, Edward Heppenstall, George T. Simpson, Frank Judson, Thomas A. Little, William J. Napier, Irene Ortner, Louis C. Palmer, Mabel C. Romant, Chloe Sofsky, Julian Thompson.

### *Admissions*

G. T. Anderson, Robert W. Woods, W. E. Anderson, Mary I. Champion, Harold F. Lease, Lois McKee.

### *Personnel*

Robert W. Woods, L. E. Downs, Anna P. Edwardson, Maybel Jensen, R. L. Kooreny, Harold F. Lease, Lois McKee, Ellen Oblander, Roland Walters.

### *Library*

D. Glenn Hilts, W. E. Anderson, D. Cecil Barr, Harold B. Hannum, J. Cecil Haussler, Thomas A. Little, George T. Simpson, Julian Thompson.

### *Public Relations*

W. E. Anderson, H. Allen Craw, Lester Cushman, Elmer J. Digneo, John T. Hamilton, Irene Ortner, Mabel C. Romant, Alfred Walters.

### *Social Activities*

John T. Hamilton, Margarete Ambs, W. E. Anderson, H. Allen Craw, Elmer J. Digneo, William J. Napier, James Riggs, Mabel C. Romant, George T. Simpson.



# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and pavement to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. During the winter months the snow-clad peaks of the Southern Sierra can be seen rising above the orange groves, a view of rare beauty from the campus.

*Buildings, Equipment and Grounds.* The college plant consists of ten main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a large recreation hall, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

**ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY.** In this building are the administrative and business offices of the college, the offices and classrooms of the Business Division, and the Museum. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells, and microfilm room fitted with reading machines and storage cabinets. Built in 1946.

**LA SIERRA HALL,** once the administration building, occupies a central position on the campus. It contains teachers' office and classrooms of the Religion, Social Sciences, and Language Divisions, and the Physics Department. Built in 1923.

**SAN FERNANDO HALL** contains teachers' offices, classrooms, and laboratories of the Departments of Biology and Chemistry. Built in 1931.

**THE HOLE MEMORIAL AUDITORIUM BUILDING** contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ, and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School, and the Assembly Hall containing the second pipe organ, and seating three hundred. Built in 1937.

**THE INDUSTRIAL ARTS BUILDING** contains teacher's offices, classrooms, and laboratories for courses in agriculture, printing, wood trades and drafting. Built in 1949.

**HOME ECONOMICS COTTAGE,** located on Campus Drive, provides space in addition to the Home Economics Department for practical instruction in the home arts.

THE DEMONSTRATION SCHOOL, located northeast of the main campus, combines the functions of parochial school for the community, and demonstration school for the department of Elementary Education. There are eight class rooms, eight teachers' offices, and each class room has space for activities. Built of fireproof Latisteel construction in 1947.

MU BETA KAPPA, residence hall for men, is one of the two original buildings on the campus. It contains the office and living quarters of the assistant dean of men, and forty-two student rooms. Built in 1922.

GLADWYN HALL, residence hall for women, is the other original building, erected the first year of the school. It contains the office and living quarters of the assistant dean of women and forty-three student rooms. Built in 1922.

CALKINS HALL, the major residence hall for men, contains the office and living quarters of the dean of men, a dispensary, a worship room, a "spread room," and thirty-seven student rooms. Built in 1938.

ANGWIN HALL, the newest residence hall for women contains public rooms similar to those of Calkins Hall, and office and living quarters of the dean of women, and fifty-one student rooms. Built in 1940.

THE CAFETERIA contains on the main floor a dining room seating four hundred, and a smaller dining room known as the "Banquet Room." On the lower floor are located the office and rooms of the Home Economics Department, the apartments of the matron and her assistant, the kitchen and bakery. Built in 1941.

COLLEGE HALL, on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting, and by the college during the school year as a gymnasium. Built in 1935.

THE INDUSTRIAL BUILDINGS include one for shop instruction, including wood and metal working equipment, and offices, La Sierra College Press, the laundry, and the college general store.

THE PHYSICAL EDUCATION BUILDING, also located on Campus Drive, is built around the swimming pool, and contains shower and locker rooms, offices and classrooms. Built in 1946.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modernly equipped creamery and ice cream plant.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus, on land donated by the college. A number of students are given employment in the factory.

THE CHURCH, a beautiful house of worship for college and community, is located north of the campus on college property. It has a seating capacity of 2,200. Built in 1947.



## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting, instruction by Christian teachers in the arts and sciences of living and service, a strong industrial arts program, and the part-time employment of all students in vocational activities on the campus. From the beginning the school has been coeducational with residence halls on the campus, supervised by members of the staff.

The first college work was offered in 1923, in teacher training, and the school acquired the name La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months, the California Legislature approved a new charter, changing the name to La Sierra College, and authorizing the granting of degrees, and the American Medical Association approved the three-year premedical curriculum at La Sierra.

*Accreditation.* La Sierra College is accredited as a College of Liberal Arts by the Northwest Association of Secondary and Higher Schools, and is approved by the Board of Regents of the General Conference of Seventh-day Adventists. The college is also a member of the American Council on Education, and the Association of American Colleges.

*Curricula.* The college has organized its courses into two general classes: the lower or junior college biennium in which the courses are designed to lay foundations or to survey the principal areas of knowledge, and the upper or senior college biennium in which the courses offered and the organization are such as to demand of the student that concentration or specialization which prepares for the professions and for leadership, and which builds men and women of intellectual maturity.

The college also offers a number of semi-professional and pre-professional curricula designed to serve the needs of students going into the professions of medical technology and medical therapy, dentistry, dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after having met the graduation requirements of the college, are granted the degree of Bachelor of Arts or Bachelor of Science.



## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and that degree of social competence which will make him a responsible and effective member of society. As a Christian school the college is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the Biblical specifications of a man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the college have been defined as follows:

1. *Intellectual Objectives.* The college seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The college endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order, and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well balanced personality.

5. *Aesthetic Objectives.* The college seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The college endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the function and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. The intelligent recreational use of leisure time is emphasized and cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor, to give the requisite knowledge, and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semiprofessional activities. There is also offered the preprofessional training prerequisites to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the college to develop strong men and women, with high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline therefore are founded upon the principle that character building is the highest object of education, and that a good name, standing for integrity, honor and godliness, is the objective alike of the student for himself and of the college for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the word of God, to attend religious services, and to abide by the regulations of the college, as listed in the student handbook, (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra College have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the college.*

As the college retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue to enjoy the privileges of residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the college, or unfaithful to his pledge, may be deprived of membership, without specific charges.

### STUDENT PERSONNEL SERVICE

*Orientation.* All new students are required to attend the program of orientation which precedes registration each year. This program is conducted to familiarize the student with the traditions, mores, ideals, policies, and regulations of the college. In return, the college endeavors to become better acquainted with the new student so that its personnel will be in a unique position to advise in each student's college work.

*Guidance.* The guidance program of the college is constructed on the basis of the student's high school record, his college entrance tests, and his own needs. Each entering student is assigned to a faculty adviser and is invited to consult him as frequently as he wishes on personal, academic, or religious matters. During the student's junior year of college, his major professor becomes his adviser and this relationship remains constant until graduation.

*Placement.* One of the facets of the student personnel program of the college is the appointment of its graduates to positions for which they have prepared. This service to seniors and alumni is maintained without fee or commission. The placement office keeps credentials of the graduates and endeavors to transmit copies of the student's record and recommendations to prospective employers.

*Residence.* The greatest profit and enjoyment, and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the college undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not reside with their parents, near relatives, or legal guardians, are expected to live in the residence halls on the campus.



Exceptions are occasionally made for mature and worthy students who, having made written request are given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the student handbook.

*Health Service.* It is the purpose of the college to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse, presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the college maintains a cafeteria where wholesome food is served, and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Education Program.* In addition to the health service attention is given to physical fitness through the provision of courses designed to strengthen and develop the body. These courses include gymnastics and field exercises and instruction in healthful living, swimming for life-saving as well as for health, and body-building recreational activities.

Since the average college student leaves school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous systems, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered for growth and experience which leadership in student organizations affords. All campus clubs are governed by a constitution or set of by-laws which have been approved by the college personnel committee.

*The Alumni Association* — the purpose of the La Sierra College Alumni Association shall be to maintain active interest in the college and to promote spirit and fraternity among its alumni.

*The Arts and Letters Guild* is designed to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The club offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

*The Associated Student Body* provides for the cultural, recreational, and spiritual activity of the college, and furnishes a point of contact between faculty and students. All students become members of this organization upon registration.

*The College Commercial Club* seeks to foster a spirit of friendliness among the commercial students, to acquaint them with the various problems which will be met in an office, and to meet representative business men and women, thus forming contacts valuable in business life.

The *Colporteur Club* promotes interest in colporteur evangelism. All students interested in this organization are eligible for membership.

The *Filomena Club* is open to all preclinical nursing students. Its aim is to foster an interest in nursing and to acquaint the student with some of the trends and current problems in her chosen field.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political interrelations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extra-curricular interest in things and aims of chemistry. Membership is open by invitation to students who elect to major in chemistry. Juniors and seniors qualify for active membership. Students below junior standing are accorded associate membership.

The *Language Clubs* meet at regular intervals during the session, present interesting programs consisting of short talks, games, music, and dialogues in their particular languages. These clubs serve as laboratories to give training and practice in conversation under the most natural conditions possible.

The *La Sierra College Biology Club* is of special interest to biology majors and minors. Others who are interested in nature study may become members. Membership is by invitation, but those who are interested should make their interests known..

The *La Sierra College Chapter of the American Temperance Society* is an organization that is active in combating the liquor and tobacco traffic and presenting temperance principles to the world. The society is open to everyone interested.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers, and who wish to begin their service while in college.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in medical missionary work, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Music Guild* was formed to provide opportunity for self expression, and to provide means by which the members may hear great music, and by so doing promote the best in music.

The *Photography Club*, with its membership composed of those with some experience and much interest in things photographic, serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.



The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Radio Club* has for its purpose the increasing of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

*Sigma Phi Kappa* is a club whose objectives are to encourage an expression of individual ideas and to promote social development among women of the college.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders.

## PUBLICATIONS

*The College Criterion.* The college weekly is written and edited by students, and is the official publication of the Associated Student Body.

*The Meteor.* The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra College.

## MISCELLANEOUS INFORMATION

*The Summer School.* The college conducts two summer sessions of six weeks each. For information write for the summer sessions *Bulletin*.

*The Preparatory School.* The college has connected with it a fully accredited academy or preparatory school. For information write for the *Bulletin* of La Sierra Preparatory School.

*Communications.* The mail address of the college is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is Riverside 9180. After 6:00 p.m. and on Sabbath (Saturday), call the following numbers: President, Riverside 9277; Dean, Riverside 9518-J; Manager, Riverside 9715-J; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267. Student telephones: Angwin Hall, Riverside 9432; Calkins Hall, Riverside 9433; Gladwyn Hall, Riverside 9424; Mu Beta Kappa, Riverside 9787.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the college at least thirty days before the student desires to enter. *Under no circumstances should a student come to the college before he has had formal notice of acceptance by the Admissions Committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration are given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to the Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should at once send \$10.00 for a room deposit. At registration, this deposit is applied on the entrance charges. *Notice of acceptance does not automatically reserve a room in the school homes.*

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or in the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the registrar of the college.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.

Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Citizens of California may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Graduates of accredited secondary schools may be admitted as regular college students upon presentation of an official transcript certifying completion of 16 units with an average grade of "C" (where the passing grades are A, B, C, D).

Although the pattern of subjects required for entrance is not rigidly prescribed, it is recommended that the prospective college student give primary emphasis in his high school program to the subjects which are considered especially valuable as preparation for enrollment in a liberal arts college.

*By examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own are unable to furnish complete credits, may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. Such examinations should be taken before the student completes his registration.

*Provisional Admission.* Applicants who, in the opinion of the Committee on Admissions, are qualified to carry college work, but who do not fulfil the specified pattern for regular admission may be admitted subject to advisement regarding their curriculum content. Entrance deficiencies should be removed before the close of the first year of college registration. In many instances deficiencies may be removed by carrying specified courses on the college level.

*College seniors will not be given credit for freshman courses taken in the senior year even though they are required. All such courses must be taken before the student reaches senior standing.*

*Admission to Advanced Standing.* Transfer students wishing advanced standing must present to the Registrar an official transcript of record, and a certificate of honorable dismissal, from a school of recognized collegiate rank, with an average grade of "C" in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of "C" or better in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra College for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of twelve semester credit hours will be admitted to sophomore



standing after successfully completing twenty-eight semester hours, and to upper division standing after completing (1) 56 hours of lower division courses with a 1.0 average including all lower division requirements except 12 hours which must be completed before senior standing is granted or

(2) 50 hours of lower division courses with a 1.0 average with all lower division requirements completed or in the current registration. A student is eligible for membership in the organized junior class only if he is carrying to completion at least ninety-two semester hours of credit, has a 1.0 average, and has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of the junior year. After completing ninety-two hours in an acceptable and appropriate program of studies, the student is eligible for senior standing and may file his application with the registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the dean of the college is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* The college has reserved two days at the opening of the year for freshmen. The purpose of this period is to provide a time for administering tests and to help the student to plan his program and to introduce the student to college life. Attendance of all freshman students is required. (The only exception being those students who have attended La Sierra College a year but who do not have sufficient credits for sophomore standing.) Other students are urged to be present for the regular registration days.

Regular registration is permitted for the first two weeks of the winter semesters, and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the president or dean; if the permission is granted, (2) they must pay a late registration fee of \$5.00, (3) they must submit to a reduction of class load by one credit hour for each week they are late, including the first two, (4) they must make up the work missed. Counting from the opening of the semester no student will be accepted for regular class work after four weeks of the winter semesters or three days of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra College for whom aptitude and placement scores are not available, are required to take such tests before registering, on the days designated. The college reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

All lower division students entering La Sierra College for the first time, and all other students who do not have credit in Freshman English from some other college, are required to take an examination in English known as the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students failing to pass the English Placement Test will be required to enroll in course OA Functional Grammar and Language Elements, and to continue taking the class until able to pass a satisfactory examination on the subject.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and Physical Education, except by previous arrangement with the registrar, and under the following conditions: No incompletes (I) or warnings (E) are to be incurred, and a 1.5 average must be maintained in all classes. The student will be asked to drop classes not kept up to standards. Under no circumstances does the college permit a student to carry more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies for sound academic reasons during the first week of a regular semester with the consent of the instructor, the adviser, and dean of the college. Courses may be dropped during the first six weeks on the same basis. After the first six weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the dean of the college.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up, after advance arrangements have been made with the instructor and a permit secured from the business manager, for which he is authorized to collect a fee of *three dollars*.

*Scholarship Reports.* Reports showing progress grades are issued by the Registrar after the mid-semester examinations. Semester grades are recorded for permanent reference, and are issued to the student only after his account has been settled in full.

*Private Work and Correspondence.* No student may teach or take private school work, or correspondence courses, while enrolled at the college, without securing permission in advance from the dean of the college. No such permission can be granted for courses in the upper biennium. Credits earned in violation of this regulation will not be honored by the college. Credits earned by correspondence after failure in the same course at La Sierra College, will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the college. Tutoring service is arranged by the staff, with the consent of the Academic Policies Committee.



*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the United States Office of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college class. For further information as to attendance regulations the student is referred to the student handbook.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period per week for one semester of eighteen weeks, and satisfactorily meeting the course requirements. Three clock hours of laboratory per week, or three fifty-minute periods per week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure or Wf) .....	minus 1
E (warning)	
I (incomplete) (Becomes a failure if not removed within six weeks after the close of the nine weeks period or semester.)	
Wp (withdrew passing)	
Wf (withdrew failing)	

# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates including baccalaureate degrees. The college confers the degrees of Bachelor of Arts and Bachelor of Science. *The responsibility for fulfilling the graduation requirements rests primarily with the candidate for a degree.*

The Bachelor of Arts degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration, and an appropriate minor.

The Bachelor of Science degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies Committee.

The college also grants certificates to students completing junior college preprofessional and terminal curricula.

## MAJORS AND MINORS

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fifteen hours must be in the upper biennium. Lower biennium survey courses, and other basic courses if so indicated, may not be counted on the major or the minor.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium unless otherwise specified in the departmental requirements.

## THE BACCALAUREATE DEGREES

Entrance Requirements for Curricula leading to the Bachelor of Arts or Bachelor of Science Degrees.

Graduates of accredited secondary schools may be admitted to curricula leading to the degree of Bachelor of Arts or Bachelor of Science upon presentation of an official transcript certifying completion of a minimum of 16 units with at least a "C" average scholarship record and with distribution as follows:

- a. English 3 units
- b. At least one unit must be presented from each of the following fields
  - (1) Mathematics
  - (2) Natural Science
  - (3) Social Science
- c. A minimum of 2 units in each of 2 of the following 4 fields
  - (1) Social Studies
  - (2) Foreign Language

- (3) Mathematics
- (4) Natural Science
- d. Not more than 4 units of the 16 may be in any one field.

*The General Requirements:*

A student who receives a Baccalaureate degree must fulfill certain prescribed requirements as to amount, grade, and distribution of work including:

1. The completion of the entrance requirements.
2. The completion of a total of 128 semester credit hours, (140 hours in Theology), of which forty must be in the upper biennium.
3. Grade points equal to the total number of credit hours, that is, a minimum over-all average of C.
4. Satisfaction of the residence requirement which includes:
  - a. Attendance for two semesters or three summer sessions with a minimum total credit of 24 hours.
  - b. At least eight hours in the major field and four hours in the minor field.
  - c. Twenty-four of the last thirty hours must have been earned at La Sierra.
5. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. *No grade below C may be counted on either the major or the minor.*
6. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.
7. The candidate has the choice of graduating according to the standards of either his junior or senior year.
8. Completion of the basic requirements for the Bachelor's degree.

**BACHELOR OF ARTS DEGREE**

*Basic Requirements:*

1. Religion: 12-14 hours including 6a or 104a, 8b or 106b, and 51a,b or 151a,b. A maximum of 4 hours in applied theology may be included. Religious history may not be included. Four hours must be in the upper biennium.
2. Science and Mathematics: 8 hours of which six must be in science.
3. Physical Education and Health: 2 hours of Health and 2 hours of Physical Education.
4. Social Science:
  - a. History: 8 hours which may be selected according to one of the following patterns.
    - (1) 91a,b and 61a or 61b
    - (2) 56a, 91b, and 61a or 61b
    - (3) 61a,b and 91a or 56a
    - (4) 61a,b and 2 hours of elective history

Note: Students electing pattern 3 or 4 must pass an examination in American History and Constitution

- b. 3 hours from Education 62a, 162b, Psychology 6a, Sociology 62b, Geography 54b.
- 5. Language and Literature
  - a. English: 14 hours including English lab and at least 4 hours of literature; may include 4 hours of speech.
  - b. Foreign Language: 6 hours required of the student who pursues the same language in college in which he has completed 2 units in the secondary school. 14 hours required of the student who begins a new language in college.
- 6. Fine Arts: 4 hours, the student may select from Music 63a,b; 111a,b; 109a,b; 161a,b; Visual Arts 54a,b; 119a,b.
- 7. Applied Arts. 4 hours

#### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirement, which are not required. The Bachelor of Science degree is restricted to the following curricula: Agriculture, Business Administration, Home Economics, Industrial Arts, Nursing Education, and Secretarial Science.





## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk will be offered in 1952-53; those without this mark will be offered in 1951-52 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement. The college reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying the letters "ab" are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Course numbers followed by "a" and "b" separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who qualify for studies in the upper biennium.

The divisions are:

- I. THEOLOGY, RELIGION AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL SCIENCES
- IV. LANGUAGE AND LITERATURE
- V. MUSIC AND ARTS
- VI. APPLIED ARTS
- VII. BUSINESS



# DIVISIONS OF INSTRUCTION

## I

### THEOLOGY, RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

THOMAS BLINCOE\*

ALGER F. JOHNS

J. CECIL HAUSSLER

WALTER F. SPECHT

*Theology Major Requirements:* 48 hours, 20 of which must be in the upper biennium. Required courses are listed on page 71.

*Religion Major Requirements:* 38 hours, with a minimum of 15 in the upper biennium. Required courses: Religion 6a or 104a; 8b or 106b; 51a,b or 151a,b; 56 b or 112a; 109a or 109b; 161a or 161b; 127a or 127b. A maximum of 8 hours in Applied Theology and 6 hours in Religious History will be counted toward a major. For THEOLOGY, see page 71.

*Religion Minor Requirements:* 18 hours, including the basic requirements in religion, and Religion 56b or 112a. A minimum of 9 hours must be in the upper biennium. Religious History may not apply.

#### RELIGION

##### 5a,b LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs. Four Hours

##### 6a DANIEL

The historical and prophetic study of the book of Daniel tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 104a required of all students for graduation. Two Hours

##### 8b REVELATION

In the Revelation the whole Bible is gathered together and made to focus on Jesus Christ. His church is seen in its conflict with the forces of evil and apostasy through the ages, culminating in its ultimate triumph. This course or 106b required of all students for graduation. Two Hours

##### 51a,b BIBLE DOCTRINES

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151a,b required of all students for graduation. Six Hours

**54a EVIDENCES OF CHRISTIANITY\***

A creative and experimental approach to the value and truthworthiness of the Christian way of life as evidenced from the archaeological, historical, and scientific fields.

Two Hours

**56b SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theological students only.

Two Hours

**104a DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 6a required of all students for graduation.

Two Hours

**106b REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry; with emphasis upon eschatology. This course or 8b required of all students for graduation.

Three Hours

**109a,b OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First semester: Prophets of the eighth century B.C.; second semester: Prophets of Judah, the Exile, and the Restoration.)

Six Hours

**112a GIFT OF PROPHECY**

This course deals with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time.

Three Hours

**132b ESCHATOLOGY**

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Offered on alternate years. Prerequisite: 56b or 112a.

Three Hours

**151a,b FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51a,b required of all students for graduation.

Four Hours

**161a,b NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background and theological concepts.

Six Hours

**171a,b PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation, and immortality.

Four Hours

**APPLIED THEOLOGY****53a,b PERSONAL EVANGELISM**

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings, stories, and Sabbath School lessons for juniors. This course is designed especially to develop the art of personal service.

Four Hours

**110a HEALTH EVANGELISM**

A survey of the principles of healthful living and the use of these fundamental laws of health for evangelism. May be taken only by theology and religion majors. May be applied either as credit in health or in applied religion. Two Hours

**116b PASTORAL COUNSELING\***

Christian psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. Offered on alternate years. Two Hours

**120a HOMILETICS**

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches. Three Hours

**122b HOMILETICS**

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc. Three Hours

**123a,b PUBLIC AND FIELD EVANGELISM**

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.

Prerequisites: 51a,b or 151 a,b, and 120a. Four Hours

**RELIGIOUS HISTORY****102a ARCHAEOLOGY**

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements. Two Hours

**114b MISSIONS AND MISSION PROBLEMS**

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements. Offered on alternate years. Three Hours

**124b MANUSCRIPTS OF THE BIBLE**

A course showing God's particular care in preserving manuscripts, and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**127a,b HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on a Religion major but may not be applied on a Religion minor. Six Hours



## BIBLICAL LANGUAGES

*Minor Requirements:* 20 hours are required for a minor in Biblical languages with 6 hours in the upper biennium.

**7ab BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John. Eight Hours

**55ab INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament. Six Hours

**129ab GREEK EXEGESIS\*\***

Reading and exegetical study of the Greek text of several New Testament epistles; and introduction to the materials and methods of exegesis. May be used as religion credit. Six Hours

**131ab BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis. Six Hours

**138a HEBREWS AND NON-PAULINE EPISTLES\***

An exegetical study of the Greek text of Hebrews, and the epistles of Peter, James, and Jude. Two Hours

**140a ADVANCED HEBREW\*\***

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and the Psalms.. (As arranged)

## II

### SCIENCE AND MATHEMATICS

JULIAN L. THOMPSON, *Chairman*

DONALD M. BROWN	WILLIAM J. NAPIER
MAUDIE BRYAN	LOUIS C. PALMER
LESTER H. CUSHMAN	JAMES RIGGS
LLOYD E. DOWNS	RAYMOND RYCKMAN
ANNA P. EDWARDSON	H. RAYMOND SHELLEN
BRUCE W. HALSTEAD	ROLAND D. WALTERS
ROBERT W. WOODS	

### BIOLOGY

*Major Requirements:* 30 hours, 18 of which must be in the upper biennium. Required courses: Biology 1ab, 51a, 102b, 124a, 180b, 182ab; also Chemistry 1ab. A Chemistry minor is advisable. The following courses may not be applied on a Biology major: Biology 2a,b; 4a (or b); 12b and 12bL. They may be applied on a minor in the case of Nursing Education majors only.

*Minor Requirements:* 18 hours, of which 6 must be in the upper biennium. The basic courses in the chosen field are prerequisite to further study.

#### 1ab GENERAL ZOOLOGY

An introduction to the principles of animal biology, with special emphasis on structure and function. A survey of invertebrates and study of representative forms. Study of the chordates, attention to some phases of comparative anatomy, emphasis on fundamental vertebrate characteristics, with laboratory study and dissection of invertebrate and vertebrate animals representative of the principal groups of the animal kingdom. Laboratory: three hours each week.  
Prerequisites: Academy or high school biology, chemistry, or physics.

Six Hours

#### 2a,b ANATOMY AND PHYSIOLOGY

A course devoted to the study of the structure and functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. Includes a detailed dissection of the cat, correlated with human anatomy and physiology by means of charts and diagrams. Laboratory: three hours each week during the first semester. Primarily for preclinical nurses.

Six Hours

#### 4a HUMAN PHYSIOLOGY

A study of the functions of the human mechanism, showing the harmonious and dependent relations of the various organs and systems. Designed for the general college student.

Two Hours

#### 6b MICROBIOLOGY

The history of microbiology, classification and study of protozoa, bacteria, viruses, yeast, molds, and rickettsiae, and their relation to disease. Laboratory: three hours a week, which includes the preparation of culture media, the growing of cultures, and microscopic study of bacteria, protozoa, yeasts, and molds.

Four Hours

**12b BIOLOGICAL SCIENCE SURVEY**

A general survey of the field of biological science with emphasis on fundamental biological principles, nature study, and health. Designed for the general college student.

Three Hours

**12bL BIOLOGICAL SCIENCE SURVEY LABORATORY**

Laboratory and field work to illustrate the material covered in 12b.

One Hour

**51a GENERAL BOTANY**

An introduction to the basic morphology and physiology of plants. A survey of the plant kingdom and study of representative plants. Laboratory: three hours each week.

Three Hours

**54a MAMMALIAN ANATOMY**

The anatomy of a typical mammal. Dissection of the cat in the laboratory. Three hours a week.

Prerequisite: lab or equivalent.

Two Hours

**55b SYSTEMATIC BOTANY**

An introductory course designed to teach the student the method of collecting and identifying plants; the principles of classification and the relationship of families and orders. Laboratory: six hours each week.

Prerequisite: 51a.

Three Hours

**102b COMPARATIVE EMBRYOLOGY**

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory: three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**106a COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates. Laboratory: six hours each week.

Prerequisite: lab or equivalent.

Four Hours

**108a ADVANCED PHYSIOLOGY**

A study of the physiological processes and functions of the human body.

Three Hours

**110a ENTOMOLOGY**

A study of the taxonomy, morphology, physiology, and life histories of insects. Laboratory: three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**112a MAMMALOGY\***

A study of the classification, distribution, life habits, and identification of mammals. Laboratory: three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**115b ORNITHOLOGY**

Field and laboratory identification of birds with special emphasis on the Pacific States avifauna. Lectures will include their taxonomy, life histories, characteristics of songs, migration, habitats, and special modifications. Laboratory 3 hours each week.

Prerequisite: lab or equivalent.

Three Hours

**120a BIO-ECOLOGY**

A study of inter-relations of plants and animals in their life processes and their reaction upon the environment. Laboratory: three hours each week.

Prerequisite: Two years of biology or consent of instructor.

Three Hours

**124a GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.

Prerequisite: lab or equivalent.

Three Hours

**140a ICHTHYOLOGY\***

A general consideration of the morphology, taxonomy, physiology, embryology, and distribution of fishes. Laboratory: three hours each week.

Prerequisite: lab or equivalent.

Three Hours

**180b PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science, with consideration of the origin and distribution of species.

Three Hours

**182ab BIOLOGICAL LITERATURE**

An introduction to the character and use of biological literature. Methods in preparing a scientific paper. Open only to senior biology majors.

Two Hours

**199 SPECIAL PROBLEMS**

Open to upper division Biology majors who wish to study some special topic or do some original research as arranged with the head of the department.

One - Two Hours

## CHEMISTRY

*Major Requirements:* 30 hours with a minimum of 18 in the upper biennium. Required courses: Chemistry lab, 50a (or b), 115 ab, and 155ab.

*Minor Requirements:* 18 hours with at least 9 in the upper biennium. Required courses: Chemistry lab, 50a (or b), and 115ab.

**1ab GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A brief survey of Qualitative Analysis using semimicro methods included in second semester's work. Laboratory: One three-hour period per week.

Prerequisite: High school chemistry or physics.

Eight Hours

**5ab INTRODUCTORY CHEMISTRY**

A beginning course covering practical and theoretical aspects of chemistry. May be applied on the basic requirement for degree students. It meets the college chemistry requirements for prenursing. May not be applied on major in Chemistry.

Laboratory: one three-hour period per week.

Six Hours

**50a QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Use of the slide rule is strongly urged in problem solving. Laboratory: Two three-hour periods per week.

Prerequisites: lab and at least three hours of college mathematics.

Four Hours

**115ab ORGANIC CHEMISTRY**

A survey of the important classes of carbon compounds, their nomenclature, preparation, and characteristic reactions. Laboratory: One three-hour period per week.

Prerequisites: For Chemistry Majors and Minors. lab, 50a.

Six Hours

**120a QUALITATIVE ANALYSIS**

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a,

Three Hours



**130b QUANTITATIVE ANALYSIS**

Similar to 50a but more advanced in scope. Special as well as general analytical methods employed. Laboratory: Two three-hour periods per week.

Prerequisite: 50a, 120a or equivalent.

Three Hours

**134b BIOCHEMISTRY**

A survey of the chemistry of the physiological processes of the human body. Laboratory: One three-hour period per week. Course offered if there is sufficient demand.

Prerequisites: 50a, 115ab.

Four Hours

**155ab PHYSICAL CHEMISTRY**

A survey of the fundamental physico-chemical concepts and laws. Laboratory: One three-hour period per week.

Prerequisites: 50a, Physics 51ab, Mathematics 79ab.

Six Hours

**160a CHEMICAL LITERATURE**

A supervised approach to the literature of chemistry. Open to senior chemistry majors.

One Hour

**199 PROJECTS AND TOPICS**

Open to senior chemistry majors who wish to study a problem of suitably limited scope under supervision.

One-Two Hours

## PHYSICS

*Major Requirements:* 30 hours, with a minimum of 15 in the upper biennium. Required courses: Physics 51ab; 101a,b; 158b; 168a; 188a (or b); 199; and Mathematics 170b.

*Minor Requirements:* 18 hours, with at least 9 in the upper biennium. Required courses: Physics 51a,b and 101a,b.

**14a PHYSICAL SCIENCE SURVEY†**

An introduction to the fundamentals of astronomy, physics, and chemistry and their applications in daily life.

Three Hours

**14aL PHYSICAL SCIENCE SURVEY LABORATORY†**

Laboratory to accompany 14a.

One Hour

**16a RADIO I† See Applied Arts section.**

Three Hours

**18b RADIO II† See Applied Arts section.**

Three Hours

**51ab GENERAL PHYSICS**

Mechanics, heat, sound, electricity and light, modern physics. Three hours class and one hour laboratory each semester.

Prerequisites: Math. 6a, 8b, and high school chemistry or physics.

Eight Hours

**101a,b MODERN PHYSICS I AND II**

A study of sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second.

Prerequisite: 51ab.

Six Hours

**111a,b ELECTRONICS I AND II**

A study of electron tubes and their associated circuits, with applications. Two hours class and one hour laboratory each semester. The first semester is a prerequisite to the second.

Prerequisites: 51ab and Math. 79 a,b.

Six Hours

†May not apply on a major or minor in Physics.



**158b ELECTRICITY AND MAGNETISM\*\***

Electric and magnetic fields, circuits having resistance, capacitance and inductance. Three hours class and one hour laboratory.

Prerequisites: 51lab and Math. 79 a,b. Four Hours

**164a SOUND\*\***

Wave motion in material media, physics of music, acoustics, sound reproduction.

Prerequisites: 51lab and Math. 79 a,b. Three Hours

**168a LIGHT\*\***

Wave motion, diffraction and interference, polarization, refraction and reflection. Three hours class and one hour laboratory.

Prerequisites: 51lab and Math. 79 a,b. Four Hours

**178a ADVANCED PHYSICAL MEASUREMENTS**

Formal laboratory work in upper division physics. May be repeated in a different subject for credit.

Prerequisite: An upper division course in the same subject and consent of the head of the department. One Hour

**188a COLLOQUIUM**

Student reports and discussion of current research and physics applications. Limited to upper division Physics majors and minors. One Hour

**199 PROJECTS AND TOPICS IN PHYSICS**

Experimental and library study of a specific problem under the direction of a staff member. Limited to upper division Physics majors and minors.

One - Two Hours

## MATHEMATICS

*Minor Requirements:* 18 hours, 9 of which must be in the upper biennium. Required course: Math. 79a,b.

**2a,b ELEMENTARY MATHEMATICS**

A course in beginning Algebra and Geometry.

Four Hours

**6a INTRODUCTORY COLLEGE MATHEMATICS**

Brief review of high school algebra with additional topics of particular interest to science students; fundamentals of computational trigonometry. Not counted toward Mathematics minor.

Three Hours

**8b MATHEMATICAL PREPARATION FOR PHYSICAL SCIENCE**

Plane analytical geometry; familiarization with methods of formal differentiation and integration.

Prerequisite: 6a or equivalent high school courses in mathematics. Three Hours

**50a ADVANCED ALGEBRA\*\***

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations.

Prerequisite: 6a or equivalent.

Three Hours

**79a,b CALCULUS I AND II**

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics. The first semester is a prerequisite to the second.

Prerequisite: 8b or equivalent.

Six Hours

**100a ADVANCED TRIGONOMETRY\*\***

Additional work in plane trigonometry; the solution of spherical triangles.

Prerequisites: 6a, 8b.

Two Hours

**102b ADVANCED ANALYTICAL GEOMETRY\*\***

Advanced topics in plane analytic geometry, and solid analytic geometry.  
Prerequisite: 8b or equivalent. Three Hours

**104a THEORY OF EQUATIONS\*\***

Elementary theory of algebraic equations; determinants.  
Prerequisite: 50a. Two Hours

**110a CALCULUS III**

More advanced topics in calculus and an introduction to ordinary differential equations.  
Prerequisite: 79a,b. Three Hours

**112b DIFFERENTIAL EQUATIONS**

Methods of solution of ordinary differential equations.  
Prerequisite: 79a,b with 110a recommended. Three Hours

**170b ANALYTICAL MECHANICS\*\***

An introduction to the methods of mathematical physics; statics, kinematics and dynamics of particles and rigid bodies; vectors. May also be applied on Physics major or minor.  
Prerequisite: 112b and Physics 51ab. Three Hours

**PHYSICAL EDUCATION AND HEALTH****7a,b PHYSICAL EDUCATION**One Hour**8ab CORRECTIVE PHYSICAL EDUCATION**

Exercises for correcting minor functional and structural defects; emphasis on posture; importance of relaxation; health and posture problems. This course is designed as a substitute for 7ab and 51ab for those students whose physical activity is restricted. One-Two Hours

**9b MEDICAL CADET SCIENCE**One Hour**17a Swimming**

Study begins with the arm and leg strokes and proceeds to the fundamental strokes with some time being given to floating, treading water, underwater swimming, and plain diving. One-Half Hour

**51a,b PHYSICAL EDUCATION**One Hour**50a HEALTH PRINCIPLES**

A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. Two Hours

**60b WATER SAFETY**

The study of personal safety and self-rescue is followed by methods of rescue, rescue equipment, and resuscitation. Class time will be divided between classroom study and practice in the pool.  
Prerequisite: 17a or equivalent ability. One Hour

**64a INDIVIDUAL ACTIVITIES**

Designed to promote interest and skill in recreational activities that will carry over and be useful in later life. One-Half Hour

**182a SPECIAL METHODS IN PHYSICAL EDUCATION**Two Hours

## NURSING EDUCATION

## 2a HISTORY OF NURSING

A study of the history of the growth of nursing from ancient times to the present, including our own denominational nursing history. Emphasis is placed on modern professional problems. Three Hours

## 105a FOUNDATIONS OF NURSING EDUCATION

A survey of the growth and development of nursing education from the past to the present time. Two Hours

## 148a WARD MANAGEMENT AND TEACHING IN A HEAD NURSE UNIT

A study of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management. Definite emphasis is given to ward teaching. Two Hours

## 151b COMMUNITY NURSING AND COMMUNITY RESOURCES

This course is designed to familiarize the student with agencies engaged in the promotion of health. Emphasis is given to denominational methods of health education. Two Hours

## 155a,b TRENDS IN CLINICAL NURSING

A study of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses. A careful survey is made of current developments in the various aspects of patient care. Two Hours

## 156b PROGRESSIVE METHODS IN CLINICAL TEACHING

A survey of methods most effective in teaching the clinical courses in nursing. Evaluation of technique used in class and clinical practice will be a part of the class requirement. Taught on the Loma Linda Campus of the College of Medical Evangelists. Two Hours

### III

## SOCIAL SCIENCES

WILFRED J. AIREY, *Chairman*

MAYBEL JENSEN

GEORGE T. SIMPSON

GERALD G. NEFF\*

ELMER J. DIGNEO

MARY I. CHAMPION

*Major Requirements:* 42 hours chosen from the various fields of social science in council with the department chairman. A field of concentration in either History or Education is required within the major. A minor in Biology is recommended for those planning on Graduate Study in Social Service.

## HISTORY

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: History 61a,b and 91a,b. Political Science 56a may not be counted on the major or the minor.

*Minor Requirements:* 18 hours, with a minimum of 6 in the upper biennium. Required courses: either History 61a,b or History 91a,b. Only 3 hours of History 127a,b may apply on a minor.

### 61a,b EUROPEAN CIVILIZATION

A history of European culture.

Six Hours

### 91a,b AMERICAN HISTORY

The social, constitutional, and political development of the United States from the period of colonization to the present.

Six Hours

### 104a THE ANCIENT WORLD\*

The ancient kingdoms of the Near East, Egypt and Greece, particularly as they relate to Bible history.

Two Hours

### 106b THE ROMAN WORLD\*

The Republic and Empire to the Fall of Rome.

Two Hours

### 107a,b BRITISH CIVILIZATION

England and the Empire to the present.

Four Hours

### 110a THE RENAISSANCE

An intensive study of the economic, literary and artistic developments of the period.

Three Hours

### 112b THE REFORMATION

The revolt against Rome and medievalism, and the rise of the Protestant Church.

Three Hours

### 114a FRENCH REVOLUTION AND NAPOLEON\*

The social and political forces of the era of revolution to 1815.

Three Hours

- 120b EUROPE SINCE 1914\*  
From war to war in Europe. Three Hours
- 122a THE AMERICAN WEST  
The exploration and settlement of the American West. Statehood and progress in the western United States. Two Hours
- 124b CALIFORNIA HISTORY\*  
The history of California during the Spanish and American periods down to the present. Two Hours
- 127a,b HISTORY OF THE CHRISTIAN CHURCH  
The Christian Church, the Papacy, and the Protestant Churches. Six Hours
- 130b CIVIL WAR AND RECONSTRUCTION\*  
The causes for, campaigns of, and results of the Civil War. Two Hours
- 141a,b AMERICAN DIPLOMATIC HISTORY\*  
Developments in American diplomatic history from the Revolution to the present. Four Hours

## POLITICAL SCIENCE

- 56a UNITED STATES CONSTITUTION  
Typical political institutions of the American national government and its branches. This course meets the state requirement for American Constitution. Two Hours
- 58b AMERICAN STATE AND LOCAL GOVERNMENT\*  
The study of the characteristics of state and local government in the United States. Two Hours
- 126a COMPARATIVE GOVERNMENT\*  
Analysis of Contemporary Political forms. Two Hours

## GEOGRAPHY

- 54b PRINCIPLES OF GEOGRAPHY  
The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship. Three Hours

## SOCIOLOGY

- 62b FUNDAMENTALS OF SOCIOLOGY  
An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and social problems. Three Hours

## EDUCATION AND PSYCHOLOGY

The Department of Education has as its major purpose the preparation of teachers for the elementary, junior academy and secondary schools.

General Psychology 6a (or b) is a basic requirement to all education and psychology courses except 62a and 162 b.



**6a GENERAL PSYCHOLOGY**

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major or minor.) Three Hours

**62a PRINCIPLES OF EDUCATION**

A survey of the basic principles of education. Three Hours

**70b CHILD GROWTH AND DEVELOPMENT**

A course planned to deal with a study of the mental, emotional, social, and physical development during the childhood. Two Hours

**100a PSYCHOLOGY OF ADOLESCENCE**

The course will deal with the most significant problems in adolescent development, with special emphasis upon the psychological principles that govern their behavior. Two Hours

**102a AUDIO-VISUAL MATERIALS IN INSTRUCTION**

A course designed to acquaint the student with the various audio-visual materials as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment. Two Hours

**106b PERSONALITY AND MENTAL HYGIENE**

A study of the constructive and preventive contributions of education to mental health and personal growth. Emphasis is placed on basic attitudes that influence behavior and on methods of working with these attitudes, individually and in groups, to develop more constructive behavior. Two Hours

**124b EDUCATIONAL PSYCHOLOGY**

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. Three Hours

**152b PRINCIPLES OF GUIDANCE**

A course devised to emphasize principles, methods, organization, and aims in the educational, vocational, and general guidance of students on the elementary and secondary level. Two Hours

**154a TESTS AND MEASUREMENTS**

A study of the principles of educational measurement together with the use, evaluation and interpretation of standard tests, as they pertain to the elementary and secondary grades. Three Hours

**156b PRINCIPLES OF SCHOOL ADMINISTRATION**

A study of the general administrative problems applicable to elementary, junior academy, and secondary schools. Finance, public relations, guidance, personnel, curriculum development, and the supervision of extra curricular activities. Three Hours

**160a HUMAN RELATIONS**

The course is designed to acquaint the student with the dynamics of group development, the ethics of human relationships, standards of community life, responsibilities of the cultured individual in society, and to provide a Christian perspective regarding marriage and home building. Two Hours

**162b PHILOSOPHY AND HISTORY OF EDUCATION\***

The philosophy and history of sacred and secular educational writings. Emphasis is given to the concepts of representative educational thinkers as their philosophy applies to modern educational thought. (Not open to students taking 62a.)

Three Hours

**199 EDUCATIONAL PROJECTS**

Open only to students in the field of education upon permission of the instructor.

One - Two Hours

**ELEMENTARY TEACHER EDUCATION**

*Major Requirements:* 34 hours, of which a minimum of 15 must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree. Two minors are required for an Elementary Education major. Modern language is not required of students who select English as one of the required minors, and who present two units in the same modern language on the secondary level. Required courses: Education 50a; 56b; 58a; 62a or 162b; 70b; 100a; 102a; 124b; 125a,b; 154a and directed teaching (51a,b; 131 a,b; and 181a,b), 8 hours. Cognate required courses should include credit in art, music, and other fields selected in consultation with the major adviser.

*Minor Requirements:* 18 hours, a minimum of 9 must be in the upper biennium.

**50a INTRODUCTION TO EDUCATION**

A course designed to give the prospective teacher a practical knowledge of the teaching process. Attention will be directed to problems associated with the personnel, curriculum, management, organization, techniques of teaching, ethics, and community relationships.

Three Hours

**51a,b TEACHING I**

Observations, readings, and discussions of some of the various aspects of classroom situations, including story-telling, which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching.

Two Hours

**52b ART EDUCATION**

A study of the fundamental art principles as applied to the art needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (See Department of Art.)

Two Hours

**54a TEACHING MUSIC IN THE ELEMENTARY SCHOOL**

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. (See Department of Music.)

Two Hours

**56b ARITHMETIC IN THE ELEMENTARY SCHOOL**

A course for teachers of arithmetic in the first eight grades. Attention is given to making arithmetic learning a meaningful experience. The course carries a subject-matter of B requirement.

Two Hours

**58a READING IN THE ELEMENTARY SCHOOL**

A study of the procedures used in guiding children's learning to read through the elementary school. Emphasis will be given to reading readiness, beginning reading, independence in word recognition, and development of reading skills. Daily observation and participation in the Demonstration School provides an opportunity for the analysis of individual and group reading problems.

Two Hours

## 125a,b ELEMENTARY SCHOOL CURRICULUM AND METHODS

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, English, spelling, handwriting, history, geography, and civics. Four Hours

## 131a,b TEACHING II

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor, and a directing teacher. No grade below a C is acceptable for credit in directed teaching. An average of C in all college work is required for admittance and continuance of directed teaching.

Prerequisite: Satisfactory achievement in the standard school subjects. Three Hours

## 181a,b TEACHING III††

A study will be made of the entire elementary school program selection, organization and evaluation of curricular material and teaching procedures, including comprehensive teaching as part of the laboratory work. One - Four Hours

††At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.

## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the Department of Education of the General Conference for teacher certification. This includes a minimum of 15 hours in professional education. Four hours of directed teaching is required, either in the major or minor field.

## 150a PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and means for measuring their outcomes. Two Hours

## 182b SPECIAL METHODS OF SECONDARY TEACHING

Language Arts and Literature

Mathematics and Physical Science

Social Science

Two Hours

Music (See Music 182a.)

Typewriting and Shorthand (See Secretarial Science 182a.)

Home Economics (See Home Economics 182a.)

Wood Trades and Drafting (See Wood Trades and Drafting 182a.)

Physical Education (See Physical Education 182a.)

## 184a (or b) OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL

The student teacher observes, participates in class activities, makes lesson plans, and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the college Department of Secondary Education.

Prerequisites: 150a, 182a.



## IV

# LANGUAGE AND LITERATURE

THOMAS A. LITTLE, *Chairman*

MARGARETE AMBS

HELEN F. LITTLE

LILLIAN L. BEATTY

EDWARD NACHREINER

WALTER B. CRAWFORD\*

MABEL CURTIS ROMANT

## ENGLISH

**Major Requirements:** 30 hours in addition to English 1ab, with a minimum of 15 in the upper biennium. Prescribed courses: English 51a,b; 61a,b; 105ab, and 199ab. The latter may be waived by credit in Journalism 55ab or its equivalent, though the hours in Journalism may not apply on the major. Related requirements are full-year courses in History 91a,b and 107a,b.

**Minor Requirements:** 18 hours in addition to English 1ab, with a minimum of 8 in the upper biennium. Prescribed courses: English 51a,b; 61a,b; and 105ab. The latter may be waived by credit in Journalism 55ab or its equivalent, though the hours in Journalism may not apply on the minor. A related requirement is a full-year course in either History 91a,b or 107a,b.

### OA FUNCTIONAL GRAMMAR AND LANGUAGE ELEMENTS

A concentrated non-credit review course prerequisite to English 1ab for all students who do not pass the English Placement Test.

Fee: \$20.00.

No Credit

### 1ab FRESHMAN ENGLISH

1a Training in writing and reading.

1b An introduction to the study of literature, with further training in writing.

English 1ab is prerequisite to any other course in English. Six Hours

### 51a,b AMERICAN LITERATURE SURVEY

A study of the more important aspects of the history of American literature and of the typical work of the significant authors from the seventeenth century to about 1900. Four Hours

### 61a,b ENGLISH LITERATURE SURVEY

A study of the more important aspects of the history of English literature and of the typical work of the significant authors from Beowulf to about 1900. Six Hours

### 100a METHODS AND MATERIALS OF LITERARY CRITICISM

Explication and valuation of literary texts and study of the various principles of literary judgment. Three Hours

### 105ab ADVANCED COMPOSITION

Advanced study of the principles of effective composition; practice in creative writing by types. Four Hours

### 110b SURVEY OF LINGUISTICS AND GRAMMAR

Divided between the history of the language and a study of current grammar. Not for those who need a course in basic grammar. Not applicable on the literature requirement for the Bachelor of Arts degree. Two Hours

## 113a,b WESTERN WORLD LITERATURE

Reading and study of selected literary monuments of Western culture.

## 151a,b AMERICAN LITERARY MASTERS

Extensive study of selected major writers significant in American literary history. (51a,b is the normal prerequisite for this course, but students who have had other courses in literature and are well prepared in American history may be admitted by the instructor.)

Four Hours

## 155ab OLD AND MIDDLE ENGLISH\*

The Old English is studied in translation. The Middle English, mostly Chaucer's works, is studied in the original.

Six Hours

## 160a EARLY RENAISSANCE LITERATURE

The second half of this semester is devoted to the works of Spenser.

Prerequisite: 61a.

Three Hours

## 162b LATE RENAISSANCE LITERATURE

This course is largely a study of the works of John Milton.

Three Hours

## 164 LITERATURE OF NEO-CLASSICISM\*

Prerequisite: 61b.

Three Hours

## 166a THE ROMANTIC POETS

Prerequisite: 61b.

Three Hours

## 168b THE VICTORIAN POETS

Three Hours

## 170b THE ENGLISH BIBLE AS LITERATURE

A study of the Bible as literary art among the world's supreme masterpieces. This course applies on the English major or minor but not on the first four hours of the general literature requirement for the Bachelor of Arts degree.

Prerequisite: 61a or 61b.

Two Hours

## 174a NINETEENTH CENTURY PROSE\*

Two Hours

## 181a,b DRAMATIC LITERATURE

A carefully selected sequence of dramatic classics from Aeschylus to Ibsen, studied to reveal their literary values and cultural attitudes.

Six Hours

## 199ab ENGLISH MAJOR CONFERENCE

An integrating group study required of English majors in the senior year and recommended to minors. Only majors and minors in the department are admitted.

Two Hours

## JOURNALISM

*Minor Requirements:* 18 hours selected in conference with the minor adviser, 9 of which must be in the upper biennium. To qualify for a minor in this field the student must have a broad cultural course in general college studies, including among his prescribed and elective courses History 91a,b; Political Science 56a (or b); Sociology 62b or Business 1ab; Business 114ab; Secretarial Science 5a,b or 59a,b; and two courses in literature. A thorough mastery of English fundamentals is expected of all taking Journalism courses. Printing courses required for this minor: Printing 10a and 82a,b. These printing courses will count on the total 18 hours required of Journalism minors.

## 55ab NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper style and techniques.

Four Hours



**106a PUBLIC ADDRESS REPORTING**

Specialized practice in reporting sermons, speeches, public meetings, and interviews according to good newspaper formulae. Enrollment restricted to those who have demonstrated proficiency in 55ab.

Two Hours

**120b PRESS RELATIONS AND PUBLICITY TECHNIQUES**

Lectures, readings, and directed observation and practice designed to familiarize the student — from the viewpoint of the newspaper as well as of the public relations office — with the problems of desirable reactions to honest and competent publicity.

Prerequisites: 55ab and at least one other newspaper theory course, 149b recommended.

Two Hours

**125ab COPY-DESK EDITING**

A practice course for those who have shown competence in 55ab. The work involves laboratory projects in copyreading, rewriting, head-writing, proofreading, make-up, and feature production.

Two Hours

**130a HISTORY AND ETHICS OF JOURNALISM**

History of Journalism from about 1620 down to the present time with parallel attention to the principles that guide the best newspapers.

Two Hours

**141ab FEATURE AND MAGAZINE ARTICLE WRITING**

Practice in writing periodical articles and newspaper feature material on selected subjects; study of requirements for the press.

Four Hours

**149b NEWSPAPER PROBLEMS**

A study of the policies and practices of the better weekly and small city newspapers as related to news content, editorials, advertising, circulation, costs. Part of the work will be in the form of research and observation in a newspaper plant of the type considered in the course.

Two Hours

## SPEECH

*Major Requirements:* 30 hours, of which 18 must be in the upper biennium. The required courses will be determined in conference with the major professor. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* 18 hours, of which 9 must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Pentron tape recorder. The room is suggestive of a small auditorium.

**3ab FUNDAMENTALS OF SPEECH**

The principles of correct speech are studied; attention is given to tone drills, articulation, and proper poise and use of the body in various speech situations.

Four Hours

**52b VOICE AND DICTION**

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue.

Two Hours

**60a PUBLIC PROCEDURE**

A study of the principles and practices of parliamentary law and usage. Each student is given practice in the conduct of business meetings.

Two Hours

**90a,b SPEECH CHOIR\***

Interpretation through choral speaking to develop greater appreciation of poetry and of many Biblical passages. The individual is trained in more accurate, distinct speaking habits. May not be audited.

Two Hours

**130a ORAL INTERPRETATION**

A study of the oral interpretation of the best literary forms, with suggestions for public presentation in a unified and spontaneous response of body and voice.

Three Hours

**132b ORAL INTERPRETATION OF THE BIBLE**

A consideration of the principles of effective oral Bible reading with practice in platform presentation.

Three Hours

**134a,b RADIO SPEECH**

The theory and practice of radio broadcasting with special emphasis upon radio diction and voice control. A public address system and recording machine make the work of the class practical. The first semester is prerequisite to the second.

Prerequisite: Speech 3ab or 52ab or 90a,b.

Four Hours

**138a PRINCIPLES OF DISCUSSION\***

A study of the fundamental principles of argumentation and the theory and practice of various techniques of discussion, including the forum, panel, and round table.

Three Hours

**140b PERSUASIVE SPEAKING**

The art of persuasion and its influence upon behavior, the basic factors involved, and the avenues of motivation are studied.

Three Hours

**150a,b ADVANCED PUBLIC ADDRESS**

The composition and delivery of public addresses. Effective extemporaneous speaking and techniques for influencing human behavior through speech.

Six Hours

**182 METHODS IN SPEECH EDUCATION\***

A discussion of methods and aims of speech training in the grades, in secondary schools, and in colleges. Limited to upper biennium speech majors and minors.

Two Hours

**170a SENIOR RECITAL**

The presentation of an acceptable public recital of one hour in length, or participation in a senior public recital.

One-Two Hours

**180a INDIVIDUAL SPEECH INSTRUCTION**

Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. One or two lessons a week as arranged. Time by appointment.

One-Two Hours

**LIBRARY SCIENCE****59ab LIBRARY SCIENCE**

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and four laboratory periods each week. The course has general value and is open to any college student.

Four Hours

**MODERN LANGUAGES**

All freshmen and new students planning to enter a language course above the freshman year will be given a placement test to determine their classification.

Before enrolling in a Modern Language course numbered 100 or above a student must have completed 12-14 hours or the equivalent of one language. Education 182a and 184b are recommended for students planning to teach a language.

*Major Requirements:* (French only) 30 hours above French 5ab or the equivalent with 20 hours of upper biennium courses. The latter must include 144a, 145 a,b and at least 11 hours of literature. English 61a,b and History 61a,b are recommended.

*Minor Requirements:* 18 hours above the beginning course or its equivalent with at least 9 in the upper biennium.

### FRENCH

#### 5ab BEGINNING FRENCH

An introductory study of grammar, pronunciation, reading, composition, and oral practice. One-half to one hour of laboratory practice may be required depending on the individual needs. Eight Hours

#### 53ab INTERMEDIATE FRENCH

A continuation of 5ab. A review of grammar with readings from French authors. Prerequisite for 145a,b. Six Hours

#### 55a,b READING OF FRENCH MASTERPIECES

Reading and discussion of selected works in French literature. May be taken concurrently with 53ab. Four Hours

#### 101a,b VOCABULARY BUILDING\*

To enlarge the student's vocabulary, mainly through oral use. Four Hours

#### 124a,b OUTLINE HISTORY OF FRENCH LITERATURE

Literary landmarks from La Chanson de Roland to the 19th century. Special stress on the 17th century. Six Hours

#### 140a ROMANTICISM

A study of French literature from 1800 to 1850 with stress on Lamartine, Vigny, Hugo, and Musset. Two Hours

#### 142b MODERN FRENCH WRITERS

French literature from 1850 to 1900. Two Hours

#### 143a,b CONTEMPORARY WRITERS\*

A study of selected authors of the latter part of the 19th century and the beginning of the 20th. Six Hours

#### 144a PRONUNCIATION

A thorough study of the fundamental principles of French pronunciation. Two Hours

#### 145a,b ADVANCED COMPOSITION\*

Further study of grammar and idiomatic expressions with translations of literary works from English into French. Both semesters are required of majors, recommended for minors. Four Hours

### SPANISH

#### 6ab BEGINNING SPANISH\*

Essentials of Spanish grammar; a systematic training in pronunciation, conversation, and reading. Eight Hours

#### 61ab INTERMEDIATE SPANISH

A continuation of 6ab. Grammar review, oral practice, readings from Spanish and Hispanic American authors. Six Hours



- 62a,b READING OF SPANISH AUTHORS Four Hours
- 130a ADVANCED COMPOSITION AND CONVERSATION\*  
Recommended for teaching minors. Two Hours
- 132b ADVANCED GRAMMAR AND COMPOSITION\*  
Recommended for teaching minors. Two Hours
- 150a SPANISH CIVILIZATION  
A survey of the physical, racial, historical, and artistic elements which have influenced and molded Spanish civilization and culture, and their influence on the cultures of the world. Two Hours
- 154a SPANISH CLASSICAL LITERATURE\*  
A survey of Spanish literature from the Middle Ages to 1700 with emphasis on the Golden Age and Cervantes. Three Hours
- 156b SPANISH LITERATURE OF THE NINETEENTH CENTURY\*  
A study of the main currents in the literature of this period with emphasis on the outstanding authors such as Galdos, Bazan, Ibanez, Valdes, and others. Three Hours
- 158a,b HISPANIC AMERICAN LITERATURE  
A survey of the trends in Hispanic American literature from its beginnings to contemporary times with emphasis on Dario, Bello, Palma, and others. Four Hours

### GERMAN

- 7ab BEGINNING GERMAN  
A study of the fundamentals of grammar, drills in verbs and pronunciation, reading of simple prose. Eight Hours
- 59ab INTERMEDIATE GERMAN  
A review of grammar with special emphasis on idioms, reading of German prose to furnish a background of life, culture, and geographical aspects of Germany.  
Prerequisite: 7ab or equivalent. Six Hours
- 106a SCIENTIFIC GERMAN\*  
This course is especially intended for students who plan to enter the field of science or medicine. A grammatical analysis from the standpoint of peculiarities of scientific German. Readings to acquaint the student of science or medicine with vocabulary, style, and subject matter in his field. Three Hours
- 104a GERMAN CONVERSATION  
Intensive practice in German pronunciation, stress upon fluent and correct use of vernacular, conversation based upon every-day life and events. Two Hours
- 108b GERMAN PROSE COMPOSITION  
A brief review of grammar, practice in writing prose compositions of various types. Two Hours
- 120a,b SURVEY OF GERMAN LITERATURE  
A study of the main currents of German Literature from the early beginnings to the present time. Readings, based on a German text, including selections of the easier masterpieces of representative authors of the periods studied. Six Hours
- 122a THE GERMAN CLASSICAL PERIOD\*  
A detailed study of some of the works of Goethe, Schiller, Lessing, and contemporaries of the period. Two Hours
- 124b GERMAN KULTURKUNDE\*  
A study of German culture and civilization as reflected in German art, literature, philosophy, and religion. Two Hours

### TEACHING OF MODERN LANGUAGE

For description of these courses, turn to Education 182a, 184b.

## V

### MUSIC AND ART

HAROLD B. HANNUM, *Chairman*

H. ALLEN CRAW

ELLEN OBLANDER

EDNA S. FARNSWORTH

CHLOE ADAMS SOFSKY

JOHN T. HAMILTON

ALFRED WALTERS

### MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History and Literature, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History and Literature, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History and Literature, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Music 111a,b; Voice, Choral Organizations and Conducting, 8 hours.

*Bachelor of Music Education:* See page 59 for the outline of this curriculum.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a Bachelor of Arts degree.

### APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, orchestral, and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

1. One or two half hour lessons a week.
2. Three hours of practice for each hour of credit.
3. A satisfactory semester examination must be passed.
4. Participation in public recitals as requested by the instructor.
5. Attendance at the Solo Class.

(Students desiring more than one hour of credit per semester must take two half hour lessons a week.)

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The maximum amount of credit in applied music allowed on the Bachelor of Arts degree for non-music majors is 8 hours; for music majors taking the Bachelor of Arts degree, 16 hours.

Students pursuing the Bachelor of Music Education degree are required to take two lessons a week in their major field of applied music.



Students in applied music must secure the approval of their instructor before performing in public.

At the semester examinations in applied music each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Applied music courses may be repeated for credit until the maximum of eight hours is reached. Students must satisfy their teacher and examiners as to the extent of repertoire covered.

Students majoring in music (8-16 hours of applied music) are expected to complete the level of attainment of the applied music courses 21a,b and 55a,b.

Students fulfilling the requirements for the Bachelor of Music Education degree are expected to complete the level of attainment of the applied music courses 21a,b; 55a,b; and 117 a,b.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 19a,b PREPARATORY APPLIED MUSIC

Credit in this course may not be applied on a major or minor in music or on the applied music requirement of the Bachelor of Music Education degree. It may apply toward college elective requirements.

One-Four Hours

#### 21a,b APPLIED MUSIC (First Year)

One-Eight Hours

#### 55a,b APPLIED MUSIC (Second Year)

One-Eight Hours

#### 81a,b SOLO CLASS

Required of all students in applied music who receive credit. The performance of music by students and teachers to give students a better understanding of a wide repertoire of music.

No Credit

#### 91a,b STRING INSTRUMENT CLASS

A study of the string instruments of the orchestra to give students an understanding of the basic elementary technique of each.

Two Hours

#### 93a,b WOODWIND INSTRUMENT CLASS

An introductory study of the orchestral woodwind instruments.

Two Hours

#### 95a,b BRASS INSTRUMENT AND PERCUSSION CLASS

An introductory study of the orchestral brass and percussion instruments.

Two Hours

#### 117a,b APPLIED MUSIC (Third Year)

One-Eight Hours

#### 119a,b APPLIED MUSIC (Fourth Year)

One-Eight Hours

#### 120a REPERTOIRE CLASS

One Hour

#### 170b SENIOR RECITAL

The presentation of a creditable public recital approved by the music faculty.

One-Two Hours

## THEORY

## 2a ELEMENTS OF MUSIC†

The study of the rudiments of music, diction, sight-singing and ear-training. Primarily for students without any previous music training.

Two Hours

## 5a,b THEORY I

A thorough study of the fundamentals of musicianship — chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week.

Six Hours

## 53a,b THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week.

Six Hours

## 100a MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms.

Prerequisite: 5a,b.

Two Hours

## 102b ANALYTICAL HARMONY

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages.

Prerequisite: 5a,b.

Two Hours

## 104a MODAL COUNTERPOINT

A study of the principles of the 16th century polyphony as found in the works of Palestrina. Practice in writing two and three part exercises in this style.

Prerequisite: 5a,b.

Two Hours

## 106 TONAL COUNTERPOINT

A study of the principles of polyphonic writing as found in the works of Bach; the writing of two and three part inventions.

Prerequisite: 5a,b.

Two Hours

## 107a,b MUSIC COMPOSITION

Practice in writing original compositions in the smaller forms.

Prerequisites: 5a,b; 53a,b.

Four Hours

## 108a ORCHESTRATION

A study of the instruments of the orchestra; arranging music for the orchestra.

Prerequisites: 5a,b; 53a,b.

Two Hours

† May not be counted toward the major or minor requirements in music.

## MUSIC HISTORY AND LITERATURE

## 63a,b MUSIC LITERATURE

A survey of significant music and musicians, with emphasis upon the period from Bach to the present, to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

## 64a MUSIC LITERATURE

Offered by extension only.

Three Hours

**109a,b HISTORY OF MUSIC**

A chronological study of the various periods in the development of music from the earliest times to the present.

It is desirable that students have an elementary knowledge of theory and music fundamentals before enrolling in this course. Four Hours

**11a,b HISTORY OF CHURCH MUSIC**

A study of music and its relation to the church from the time of Hebrew music to the present. Emphasis upon hymns and hymn-tunes and the place of music in worship. Four Hours

**116a HISTORY OF MUSIC**

Offered by extension only.

Three Hours

**161a,b AESTHETICS**

A basic course in the principles of beauty which are fundamental to an understanding of all the arts. Four Hours

**199 ADVANCED MUSIC PROJECTS**

One-Two Hours

**CONDUCTING****56b ELEMENTARY CONDUCTING†**

Fundamental rules and practice in conducting congregational singing. The practical use of music in the church and in evangelism.

Two Hours

**122b ADVANCED CONDUCTING†**

A review of the principles of conducting. Section 1: The materials and methods of organizing and conducting choral organizations. Section 2: The materials and methods of organizing and conducting bands and orchestras and instrumental ensembles. Two Hours

**MUSIC EDUCATION****54a TEACHING MUSIC IN THE ELEMENTARY SCHOOL†**

Two Hours

(See Social Science Section.)

**182a TEACHING MUSIC IN THE SECONDARY SCHOOL†**

A study of the materials and methods of teaching music in secondary schools. Two Hours

**190a MUSIC MATERIALS AND TECHNIQUES†**

A survey of the best materials and methods of teaching applied music, piano, voice, or violin, or directing choral or instrumental organizations. Two Hours

**ORGANIZATIONS****59a,b THE COLLEGE CHOIR†**

A highly selective ensemble of seventy-five members, balanced for four and eight part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director. Two Hours

**61a,b ORCHESTRA†**

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. Two Hours

† May not be counted toward the major or minor requirements in music.

**65a,b BAND†**

A vital factor contributing to the spirit of the College. Membership is open to all students of band instruments. A limited number of college owned instruments can be rented each semester on application. Concerts are given each year. Two Hours

**71a,b ENSEMBLE MUSIC†**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff.

Credit to be arranged

**171a,b ENSEMBLE MUSIC†**

Credit to be arranged

The curriculum leading to the degree Bachelor of Music Education is offered for those interested in the field of music teaching. This course gives a student concentration (24 hours) in one field of applied music with supplementary instruction in the remaining fields of applied music. Emphasis is given to the technique and practice of teaching music. A 40-48 hour requirement in general college courses provides a basis for general culture.

**OUTLINE FOR BACHELOR OF MUSIC EDUCATION DEGREE****I. General Culture — 40 hours**

Religion — 12-14 hours (4 hours upper division)

Freshman English — 6 hours

History — 8 hours

Science — 6 hours

Health — 4 hours

Electives — 2-4 hours

**II. Musicianship — 32 hours**

Theory I and II — 12 hours

History of Music — 4 hours (U. D.)

Music Form and Analysis — 4 hours (U. D.)

Counterpoint — 4 hours (U. D.)

Music Composition or Orchestration — 4 hours (U. D.)

Organizations\* — 2 hours

Advanced Conducting — 2 hours (U. D.)

**III. Performance — 30 hours**

Instrument or Voice — 24 hours

Secondary Applied Music — 6 hours

**IV. Minor in Education — 18 hours****V. Electives — 8 hours**

It is recommended that these electives be taken in liberal arts courses.

**VISUAL ARTS**

*Major Requirements:* 30 hours, of which 15 must be in the upper biennium. Art appreciation, 4 hours and Senior Project, 2 hours must be included.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Art appreciation, 4 hours must be included.

**DRAWING AND PAINTING****50b LETTERING**

Lectures, laboratory assignments in single stroke Roman, English Text, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

\* Students taking this curriculum are required to join the organization of their applied music field.

† May not be counted toward the major or minor requirements in music.



**51a DESIGN**

A study of the basic art elements and their function in the composition. Laboratory assignments with definite application of the principles studied. One - Two Hours

**52 b ART EDUCATION†**

A study of the fundamental art principles as applied to the needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. Two Hours

**53a FUNDAMENTALS OF DRAWING AND PAINTING**

A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One - Six Hours

**57a CERAMICS**

Modeling and glazing of simple pottery forms. One - Four Hours

**61a SCULPTURE**

Modeling or carving in various media. One - Six Hours

**101a,b COMMERCIAL ART AND ILLUSTRATION**

Layout and design for book illustrations and advertising. Four Hours  
Prerequisite: 50b.

**103a PAINTING**

Landscape, still-life, or portrait painting in oil or water color. One - Six Hours

**105a SCULPTURE**

A study of the basic art elements as applied to sculpture. Modeling and casting in various media. One - Four Hours

**107a DESIGN**

A study of the art elements and their application to abstract design. Two Hours

**117a SENIOR PROJECT**

A mural or a series of paintings, or a special project in ceramics, planned for the senior student majoring in Art. This project must exhibit an acceptable degree of technical facility and creative power. One - Two Hours

**ART APPRECIATION****54a,b ART INTERPRETATION**

A study of the fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours

**119a,b HISTORY OF ART**

A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present. Four Hours

†May not be counted toward the major or minor requirements.



## VI

### APPLIED ARTS

FRANK JUDSON, *Chairman*

D. CECIL BARR

OLA K. GANT

ALWIN L. TOEWS

### HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. A Bachelor of Science degree is offered for those desiring a professional curriculum. For this degree the following subjects should be included. Chemistry 5ab, 50a, 115 ab; Biology 2ab, 6b; Chemistry 134b is highly recommended. A Bachelor of Arts degree may be chosen in counsel with the major professor following the pattern of the regular Bachelor of Arts degree.

*Minor Requirements:* 18 hours, of which not less than 9 must be in the upper biennium. Required courses: Home Economics 7ab, 98b, 52a, and 194a.

#### 7ab FOODS AND COOKERY

A study of foods and their nutritive values, basic cookery, simple meal planning and marketing. Two class periods with a three-hour laboratory each week.

Six Hours

#### 52a CLOTHING CONSTRUCTION AND SELECTION I

This course covers the fundamental techniques of garment selection, construction, fitting, and use of commercial patterns with simple problems in original design. One class period with two three-hour laboratories each week.

Three Hours

#### 54b CLOTHING CONSTRUCTION AND SELECTION II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health, and economy. One class period with two three-hour laboratories each week.

Three Hours

#### 58a COSTUME DESIGNING

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years.

Two Hours

#### 60b MEAL PLANNING AND TABLE SERVICE

Instruction and laboratory practice in the planning, preparation, and serving of meals. Study is also made of special occasions.

Prerequisite: 7b.

Two Hours

#### 65a HOME ECONOMICS FOR MEN

For nonmajors. A general course giving some of the basic principles of cookery. Food selection, clothing construction and repair, color harmony, and consumer buying.

Four Hours

**110b TAILORING**

This course comprises a study of the technique of ladies' tailoring and fitting. One class period with a three-hour laboratory each week.  
Prerequisite: 52a. Two Hours

**98b HOME FURNISHINGS**

A study of principles governing the selection and arrangement of furniture, fabrics, and accessories appropriate for various types of homes. Instruction in the use of color combinations and art elements. A brief survey of the history of furnishings showing contributions of the past and of different cultures. Three Hours

**100a NUTRITION**

A scientific study of the nutritive essentials. Included are the basic principles of the chemistry of foods and nutrition, the biological value of food, and man's requirements at the various age levels.  
Prerequisite: Chemistry lab or 5ab. Three Hours

**114a EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability, and economy of food products. One class period with a three-hour laboratory each week. Two Hours

**154ab COMMUNITY PROBLEMS IN NUTRITION**

The study and practice of presenting nutrition principles to the community through various avenues of contact. Individual and group field projects in a nutrition-health program.  
Prerequisites: 7ab, 100a. Four Hours

**174a INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing, and service. Two Hours

**175b CHILD NUTRITION AND CARE**

A study of the nutrition of the child from early prenatal life through adolescence. Consideration is given the care of the infant and home training of the child. Two Hours

**176b QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room. Two Hours

**182a METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. No laboratory. Two Hours

**184b NUTRITION IN DISEASE**

A study of the normal diet with modifications necessary in pathological conditions.  
Prerequisite: 100a. Three Hours

**194a HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use, and arrangement of household equipment. Three Hours

**194a (or b) L HOME MANAGEMENT LABORATORY**

An application of the principles of home management. The student has an opportunity to live in the Cottage under supervision for six to eight weeks. Two-hour weekly conferences with the instructor will be arranged.  
Prerequisite: 194b (May be taken concurrently). Three Hours

## AGRICULTURE

*Major Requirements:* 40 hours, 18 of which must be in the upper biennium. Required courses: Agriculture 8a, 12a, 56a, and 188b. A degree of proficiency in applied agriculture in at least two fields of production as is being demonstrated in the college farm program; and the following cognate courses are also required: Chemistry 5ab, Biology 1ab, 51a; Math. 6a, 8b. It is recommended that the field of minor study be religion, chemistry or biology. The basic requirements are the same as those for the regular Bachelor of Science degree with a total of 128 hours.

*Minor Requirements:* 18 hours, 8 of which must be in the upper biennium.

## AGRONOMY

## 12a FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading farm crops. Two Hours

## 56a SOILS

A course dealing with the genesis, physical and chemical properties, aeration, water movement, and classification of the soil.

Prerequisite: Chemistry 5ab. Two Hours

## 134a SOIL MANAGEMENT

Emphasis is placed on soil conservation. Rotation, green-manure practices, and nutrient requirements of crops are also stressed.

Prerequisite: 56a. Two Hours

## 136b FERTILIZERS\*

Commercial fertilizers and their uses; effect of fertilizers upon soils, yields, and composition of crops. Field observation.

Prerequisite: 56a. Two Hours

## 138b IRRIGATION AND DRAINAGE

A specialized course for those planning to locate in the Southwest. Water supply and methods of use and the influence on the water table are considered. One lecture and one laboratory period each week.

Prerequisite: 56a. Also Math. 6a, 8b. Two Hours

## HORTICULTURE

## 8a VEGETABLE GARDENING

A study of the types of vegetable gardening. Emphasis is placed on varieties and cultural methods of common vegetables. Two Hours

## 10a APPLIED VEGETABLE GARDENING

A practical continuation of the material studied in 8a. Two laboratory periods each week.

Prerequisite: 8a. Two Hours

## 68a SMALL FRUITS

Recommended practices in the growing of grapes, strawberries, and bush fruits for home and market are thoroughly surveyed. Two Hours

## 70b TREE FRUITS

Selecting, planting, soil management, pruning, spraying, and other activities connected with citrus and deciduous orchards are studied with appropriate laboratory work in the orchard. Three Hours

## LIVESTOCK AND COGNATE COURSES

- 28a **POULTRY HUSBANDRY**  
A general course dealing with the practical phases of the poultry industry. Two Hours
- 52a **DAIRY HUSBANDRY**  
A general study of the economic advantages, selecting, breeding, feeding and management of dairy cattle. Two Hours
- 62a **POULTRY BROODING**  
A laboratory course in which the student has full responsibility for the care of a hatching of chicks during the first six weeks of life. Open to only a limited number of students each year. Two Hours  
Prerequisite: 28a.
- 78b **DAIRY PRODUCTS AND CREAMERY MANAGEMENT**  
A course planned to acquaint the student with the processing and manufacture of butter, ice cream, and other dairy products. Two lectures and one laboratory period each week. Three Hours
- 106b **POULTRY MANAGEMENT**  
Ten lectures are given dealing with the problems of poultry management. Required laboratory work includes formulating and purchasing of poultry feeds, culling, feeding, and a study of records of costs of production. Two Hours  
Prerequisite: 28a.
- 112b **FEEDS AND FEEDING\*\***  
A study of the fundamental needs and practices in animal nutrition. Prerequisites: Chemistry lab, 115ab, or may be taken concurrently with the latter. Two Hours
- 118a **ANIMAL HUSBANDRY**  
Development, care, use, and marketing of beef and dairy cattle, sheep, horses, mules,, etc. Two Hours
- 120a **VETERINARY SCIENCE**  
A brief study of the anatomy of the common farm animals, and the symptoms, diagnosis, treatment, and prevention of their disorders and diseases. Two Hours  
Prerequisites: 118a, and Biology lab.

## GENERAL WORKS

- 11ab **FARM CARPENTRY**  
(See Wood Trades) Four Hours
- 74a **FARM MACHINERY**  
Selection, operation, and use of common farm implements. Two lectures, one laboratory each week. Three Hours  
Prerequisite: High school physics.
- 84b **TRUCK AND TRACTOR MECHANICS**  
Fundamentals of internal combustion, maintaining, and repairing of farm engines. Two lectures, one laboratory each week. Three Hours
- 170a **AGRICULTURE ECONOMICS\*\***  
A course to aid the student in evaluating data, coordinating the farm activities with the business world, and applying economic principles to the farm operation. Two Hours



**188b FARM MANAGEMENT\*\***

The organization of farm enterprises and production units. Farm records and cost accounts.

Prerequisite: Minimum of six hours of lower biennium Agriculture.  
Two Hours

**199 RESEARCH PROBLEMS IN AGRICULTURE**

One - Two Hours

**PRINTING**

*Minor Requirements:* 18 hours, 4 of which must be in the upper biennium. A degree of proficiency in applied printing as evidenced by working in a printing plant, preferably the College Press.

**10a,b TYPOGRAPHY I**

A study of the basic principles of typography, straight-matter composition, simple display jobs, proofing, care of type and materials, platen presswork. One class period and one three hour laboratory period per week.  
Four Hours

**66a,b TYPOGRAPHY II**

Study and practice of the principles of hand and machine display and layout of office forms, booklets, publications, and presswork. Two class periods and one three hour laboratory per week.  
Prerequisite: 10a,b or equivalent.  
Six Hours

**82a,b LINOTYPE OPERATION I**

Keyboard practice and operation of a linotype — setting of straight matter, small caps, and italics. Instruction is given in the basic care and mechanics of the linotype. One class period and one three hour laboratory per week.  
Prerequisite: 10ab or equivalent.  
Four Hours

**111a,b LINOTYPE OPERATION II**

Advanced work in the operation of a linotype machine on straight matter and job work. One class period and one three hour laboratory per week.  
Prerequisite: 82a,b or equivalent  
Four Hours

Note: Change linotype practice fees to correspond to hours credit.

**WOOD TRADES AND DRAFTING**

*Minor Requirements:* 18 hours, 9 of which must be in the upper biennium.

**11ab FUNDAMENTALS OF BUILDING CONSTRUCTION**

Fundamental study of construction methods. Scale construction from blue prints. One hour of theory and three hours of laboratory per week.  
Four Hours

**28a,b FURNITURE CONSTRUCTION**

Study of tools, machines, joints, glues, decoration, finishing, and wood. These processes are applied practically in the construction of useful furniture. One hour of theory and three hours of laboratory per week.  
Four Hours

**42a,b ENGINEERING DRAFTING\***

Covers use of instruments, lettering, geometric construction, orthographic and pictorial projection, auxiliary, assembly, welding, and development. One hour of theory and three hours of laboratory per week.  
Four Hours



**58a,b ARCHITECTURAL DRAFTING**

The first semester deals with fundamentals of drafting and the completion of the floor, foundation, joist framing, roof, and plot plans as well as four elevations. During the second semester all cabinet plans, details, heating, electrical and plumbing plans, and a scale model are to be completed, thus making a complete set of plans. One hour of theory and three hours of laboratory per week. Four Hours

**62a,b MANUAL ARTS**

Contains wood turning, metal spinning, art metal, plastics, and lapidary work. For two hours credit, one hour of theory and three hours of laboratory per week. Two - Six Hours

**152ab ADVANCED BUILDING CONSTRUCTION**

Elements of finishing and on the job cabinet work. One hour of theory and three hours of laboratory per week. Four Hours

**182a MATERIALS AND METHODS**

A course designed for those interested in teaching industrial arts and vocational subjects. A study of general shop organization, job analysis, outline of instructions, instruction sheets, reference sheets, job sheets, and related methods of instruction. An education course. Two Hours

**192b MATERIALS OF CONSTRUCTION\***

Study of materials, their elements, appropriateness, and efficiency. Three Hours

**158b UPHOLSTERED FURNITURE**

Reupholstering as well as building of furniture to your own design and upholstering. One hour of theory and three hours of laboratory per week. Two Hours

**156a CREATIVE DESIGN\***

Designing of furniture, etc., to full scale and construction of the article. One hour of theory and three hours of laboratory per week. Two Hours

**MISCELLANEOUS****16a RADIO I**

An elementary study of radio circuits and the application of vacuum tubes to such circuits. Two hours of theory and three hours laboratory per week. Three Hours

**17a,b AERONAUTICS I**

An elementary study of aircraft aerodynamics, aircraft engines, meteorology, navigation, radio communication and civil air regulations. Comprises the material of basic ground school. Credit given toward graduation only on completion of both semesters. Four Hours

**18b RADIO II**

A study of the radio station: receivers, transmitters and antenna systems. Two hours theory and three hours laboratory per week. Three Hours

**20b RADIO SERVICE INSTRUMENTS**

Elementary theory and practice in the use of modern service instruments as used in radio construction and repair. Two hours theory and three hours laboratory per week. Three Hours

**31ab RADIO SERVICING**

Classroom and laboratory work using standard procedures designed to assure a quick practical approach to radio servicing problems. Two hours theory and six hours laboratory per week. Eight Hours

**32b ELECTRONIC CIRCUITS**

Theory of operation of radio and T. V. circuits. Designed to prepare the student to pass the theoretical part of commercial radio operator's examination. Three Hours

**34a RADIO LAW**

Federal and international laws controlling the operation of radio equipment. Designed to prepare the student to pass the corresponding part of commercial radio operator's examination. One Hour

**58a ELEMENTARY PHOTOGRAPHY**

A beginning course in photography. One hour theory and three hours laboratory per week. Two Hours

## VII

### BUSINESS AND ECONOMICS

WILLIAM E. ANDERSON, *Chairman*

RALPH L. KOORENNY

IRENE E. ORTNER

### BUSINESS

*Major Requirements:* 38 hours, of which a minimum of 19 must be in the upper biennium. Required courses: Business lab; 3a,b; 51a,b; 52b; 102a; 104a; and 112b. Majors are also required to complete the following from the other subject fields: Speech, 4 hours; Secretarial Science 54a (or b); and 5a,b or 59a,b. Three hours upper biennium Secretarial Science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium.

#### 1ab ECONOMICS

A study of production, industrial, and labor organizations; exchange — the money and credit system; value and price in all its phases, including interest, rent, wages, and profits; consumption and saving; the income and expenditures of government, taxation, loans; economic policies and politics. Six Hours

#### 3a,b PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques from which they are derived are studied in text material, class discussion, and laboratory practice. Two hours lecture per week and 3 hours lab. Six Hours

#### 51a,b INTERMEDIATE ACCOUNTING

A continuation of the study of accounting principles, with emphasis upon the application of these principles in the solving of problems. Prerequisite: 3a,b. (First semester is prerequisite to the second semester.) Four Hours

#### 52b BUSINESS LAW

The general principles of law governing contracts, negotiable instruments, agency, partnerships, and corporations. Three Hours

#### 56a (or b) MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine. Prerequisites: 3a,b, and Secretarial Science 54a (or b) One Hour

#### 62a ACCOUNTING FUNDAMENTALS

Theory and practice of accounting; personal financial records, church accounting records, analysis of institutional and conference financial statements; denominational finances. Open to ministerial students only. Two Hours

#### 102a MONEY, BANKING AND CREDIT

The banking system of the United States and its functions. The monetary system; credit and its function. The relationship of banking, money, and credit to business. Prerequisite: lab. Three Hours

**103a,b MARKETING**

The study of the distributive process of commodities from the producer to the consumer. The functions of the various middlemen are emphasized. Classification of commodities, channels of distribution, buying motives, cost of distribution.

Prerequisite: lab.

Four Hours

**104a COST ACCOUNTING**

Techniques of accounting for materials, labor, and overhead, and of interpreting these elements of cost to management, as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51a,b.

Two Hours

**106b BUSINESS FINANCE\***

Financial problems of business organization; launching of an enterprise; sources of capital; stocks and bonds; principles of borrowing; or, relation of finance to the business cycle; distribution of earnings; reorganization.

Prerequisite: 3a,b.

Three Hours

**110b ELEMENTS OF STATISTICS**

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education.

Three Hours

**112b ACCOUNTING SYSTEMS\***

The principles and organization of denominational finance, church records, financial statements of institutions and organizations.

Two Hours

**114ab ADVERTISING**

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**116a CURRENT ECONOMIC PROBLEMS\***

Economic problems of current importance; application of economic principles to a dynamic business world.

Prerequisite: lab.

Three Hours

## SECRETARIAL SCIENCE

**Major Requirements:** 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Secretarial Science 15a; 54a; 59a,b; 70b; 72b; and 74a. A maximum of 4 hours in Business and Economics may be included in the total upper biennium hours. Extra-departmental requirement: Business lab.

**Minor Requirements:** 18 hours, at least 5 of which must be in the upper biennium. Required courses: Secretarial Science 64a and 70b.

**Two Year Terminal Course:** A two year terminal course is available in Secretarial Science for those students who do not plan to finish college.

## TYPEWRITING

**5a,b TYPEWRITING I**

A study of the technique of touch typewriting as applied to business and personal use. (First semester or equivalent is prerequisite to the second semester.)

Two Hours

**59a,b TYPEWRITING II**

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects. (First semester is prerequisite to the second semester.)

Prerequisite: 5a,b or equivalent.

Two Hours



## SHORTHAND

## 7ab SHORTHAND I

Basic principles of Gregg Shorthand. Minimum 5-minute speed requirement for the year: 60 words a minute. Eight Hours

## 64a SHORTHAND II

Dictation practice on business and denominational material. Includes training in fast and accurate transcription of shorthand dictation.

Prerequisite: 7ab or equivalent.

Four Hours

## 107a,b ADVANCED SHORTHAND\*

Rapid dictation and transcription of Congressional and denominational material.

Prerequisite: 64a.

Six Hours

## OFFICE PRACTICE

## 15a SECRETARIAL ACCOUNTING

Instruction in accounting fundamentals adapted to the needs of future secretaries and stenographers. Will not apply on a Business major or minor.

Three Hours

## 54a BUSINESS MACHINES

Instruction and practice on various types of calculating, adding, and duplicating machines. Offered both semesters.

Prerequisite: 5a,b or equivalent.

One Hour

## 70b SECRETARIAL PRACTICE

Instruction in office procedures, business ethics, and the personal qualifications of the secretary. Two class periods and a three-hour laboratory per week.

Prerequisite: 64a.

Three Hours

## 72b EDIPHONE

Instruction and practice in the use of the Ediphone, with emphasis on fast and accurate transcribing from the secretarial unit.

Prerequisite: 5a,b or equivalent.

One Hour

## 74a FILING

A study of the filing systems most commonly used in business; practice in both card and correspondence filing.

One Hour

## 182a TECHNIQUES AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting.

Two Hours

## 162b OFFICE MANAGEMENT

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space and organizing the flow of work through the office.

Three Hours

## 199 PROJECTS IN DIVISION VII

One-Two Hours



# SPECIAL CURRICULA

## THEOLOGY

La Sierra College Theology training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theology curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours.

### *Specific Requirements:*

Religion Courses	Hours
Life and Teachings of Jesus .....	4
Bible Doctrines .....	6
Daniel and Revelation (U. D.) .....	5
New Testament Epistles .....	6
Public and Field Evangelism .....	4
Gift of Prophecy .....	3
Homiletics .....	6
Old Testament Prophets .....	6
Personal Evangelism .....	4
Cognate Courses	
History of the Christian Church .....	6
Beginning New Testament Greek .....	8
Intermediate New Testament Greek .....	6
Speech (including Fundamentals of Speech) .....	9
European Civilization .....	3
Accounting Fundamentals .....	2
Health Evangelism .....	2

## BIBLE INSTRUCTORS

*Major Requirements:* 35 hours, 15 of which must be in the upper biennium. In addition to the basic requirements for the Bachelor of Arts degree the following courses are required:

### *Specific Requirements:*

Religion Courses	Hours
Bible Doctrines .....	6
Personal Evangelism .....	4
New Testament Epistles .....	6
Old Testament Prophets .....	3
Gift of Prophecy .....	3

Daniel and Revelation (U.D.) .....	5
Bible Instructor Evangelism .....	2
(second semester)	
History of the Christian Church .....	6
Cognate Courses	
European Civilization .....	3
Speech .....	7
Music .....	4

## NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of Bachelor of Science in Nursing Education with a minor in Biology, Social Science or Secondary Education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited school of nursing. Nurses who have completed the prenursing curriculum may meet the requirements for a degree with approximately 42 semester hours additional work, according to the following schedule.

Pre-professional course	32 hours
Professional course (Individually evaluated)	
a maximum of	54 hours
Additional courses to meet academic	
requirement for graduation	42 hours
Total	128 hours

By consultation with the faculty adviser, selection may be made from the following courses recommended for the advanced professional curriculum.

Social Sciences	6 - 18 hours
Educational psychology	
Personality and Mental Hygiene	
Principles of Guidance	
Tests and Measurements	
Human relations	
Audio-Visual Materials in Instruction	
Philosophy and History of Education	
Economics	
American History (required)	
Sociology	
English and Speech	6 - 8 hours
Speech (2 hrs. required)	
Literature	
Religion	4 - 5 hours
Science	6 - 9 hours
Advanced Physiology (required for a minor in biology)	
Nursing Education	10 hours
Community Nursing and Community Resources	
Foundation of Nursing	
Management and Teaching in a Head Nurse Unit	
Current Trends in Clinical Nursing	
Progressive Methods in Clinical Teaching	

**Major Requirements:** In addition to work taken in the school of nursing and the basic requirements for the Bachelor of Science degree, 10 semester hours are required in the field of Nursing Education.

## PREMEDICAL

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges.

In planning their college courses, premedical students should include those courses required by the admissions committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. A college degree is necessary for admission to most medical schools. With this in mind, students should decide on a major and a minor preferably by the beginning of the second year and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists, a student should:

- a. Maintain a satisfactory conduct and character rating.
- b. Reach a minimum scholarship average of 1.5 in both science and non-science courses.

Take the medical aptitude test during the 12 months preceding his application.

- d. Receive credit in the courses required by the College of Medical Evangelists for admission. These courses are as follows:

	Sem.	Hrs.
Chemistry .....	16	
Physics .....	8	
Biology .....	8	
Embryology .....	3	
Genetics (recommended) .....	3	
Freshman English .....	6	
French, German, or Spanish* .....	6-12	
American History and Government .....	5	
Religion .....	12	

\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 14 hours. Students taking two years of Latin in high school must begin one of the above modern languages on the college level and complete 12 semester hours in the same language.

## PREMEDICAL TECHNOLOGY

Three years of college work totaling 96 semester hours are required as preparation for medical technology.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	3
General Chemistry .....	4	4
General Zoology .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
Language .....	3	3
General Physics .....	4	4
Quantitative Analysis .....	4	
Microbiology .....		4
Mammalian Anatomy .....	2	
Electives .....	1	3

*Third Year*

Religion .....	2	2
Organic Chemistry .....	3	3
Physiology .....	2	2
American History .....	3	
United States Constitution .....		2
Biochemistry .....		4
Electives .....	6	3

**PREPHYSICAL THERAPY**

Two years of college work totaling 64 semester hours are required as preparation for physical therapy.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
General Zoology .....	3	3
General Chemistry .....	4	4
Microbiology .....		4
General Psychology .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Quantitative Analysis .....	4	
Mammalian Anatomy .....	2	
United States Constitution .....		2
American History .....	3	
Electives** .....	1	8

Electives are to be chosen in counsel with adviser. Suggested by the College of Medical Evangelists are such courses as: Physics, organic chemistry, biochemistry, embryology, educational psychology, human anatomy, public speaking.

**PREDIETETICS**

Two years of college work totaling 64 semester hours are required as preparation for the two years professional training for dietetics.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
General Chemistry .....	4	4
Foods and Cookery .....	3	3
General Psychology .....	3	
Electives .....		3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$



*Second Year*

Religion .....	2	
Microbiology .....		4
American History .....	3	
United States Constitution .....		2
Educational Psychology .....		3
Speech .....	2	2
Electives** .....		8
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Recommended Electives:* Typewriting, journalism, accounting, music, interior decorating, clothing, public speaking, and methods of teaching.

\*\*Must include 6 hours of additional credit in physiology, sociology or economics.

**PREDENTAL***First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	3
General Chemistry .....	4	4
General Zoology .....	3	3
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Organic Chemistry .....	3	3
American History .....	3	
United States Constitution .....		2
Electives .....	4	5
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

**PRENURSING**

	Semester Hours	
	First	Second
Religion .....	2	2
Chemistry for Nurses .....	3	3
Freshman English .....	3	3
Anatomy and Physiology .....	4	2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

**PRE-X-RAY TECHNIQUE**

One year of college work with a total of 32 semester hours is required as preparation for X-ray technique.

The course of study must include college physics. It is also recommended that courses in chemistry, anatomy and physiology should be taken.

**B.S. IN INDUSTRIAL ARTS**

*Major Requirements:* 40 hours, with a minimum of 15 in the upper biennium. 24 hours may be taken in either Wood Trades and Drafting, or Agriculture. The remaining 16 hours must be taken in a cognate field in counsel with the Dean and the department head. Other required courses: Introductory College Mathematics, Mathematical Preparation for Physical Science, and General Physics.

*Minor Requirements:* See Wood Trades and Drafting or Agriculture.



## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay the cashier their guarantee deposit before beginning registration.

The entrance fee and the student association fees are included in the tuition. Students taking less than 4 hours are not entitled to student publications or student association privileges because these have not been added to the tuition they pay.

*The guarantee deposit* is \$85.00 for resident (boarding) students and \$45.00 for non-boarding or day students. This deposit takes the place of the advance charge for tuition and home expenses, and will be held in trust until the last month of the school year, or until the student leaves the College. (See page 27). Students registering after the regular registration must pay a fee of \$5.00.

This deposit will be required of all students whether they are veterans or not. Veterans living in college owned residences will be required to pay one months rent in advance.

The above items are payable by all students. Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket. For students in Chemistry 3ab the price of the ticket is \$7.00. For those enrolling in other chemistry courses, the price is \$10.00; \$5.00 breakage tickets are required in biological courses using breakable equipment. Should the ticket be consumed before the end of the course a new one is to be purchased. The unused portion of a ticket is redeemed at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the college on or before September 1.

## TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$ 13.60	9 .....	\$125.90
2 .....	27.20	10 .....	139.50
3 .....	40.80	11 .....	153.10
4 .....	57.90	12 .....	166.70
5 .....	71.50	13-16 .....	180.30
6 .....	85.10	17 .....	193.90
7 .....	98.70	18 .....	207.50
8 .....	112.30		

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for first session and in July for second session. Statements are prepared each calendar month and are payable when presented.

Non-resident students, that is, those living in the village or surrounding communities, pay tuition on the same basis as resident students.

## ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$17.00 per month
Angwin Hall and Calkins Hall.....	18.00 per month
Special rooms in Angwin Hall.....	19.00 per month

The above charges are on the basis of two students in a room, and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the college, necessitating the installation of a new lock, a charge of \$3.00 will be made. Should a student leave the room in an untidy condition a charge of \$1.00 will be made.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The Health Service fee applies toward the expenses of maintaining a nursing staff at the college and includes simple treatments, medications and general nursing care. It does not include doctor's fees, special prescriptions, prolonged nursing care or physical therapy treatments.

If a student finds it necessary to receive hospitalization in the infirmary, a charge of \$1.00 per day for its use will be made.

## PRIVATE MUSIC AND SPEECH LESSONS

Tuition for private lessons (half hour) is \$28.00 per semester for one lesson a week; \$48.00 per semester for two lessons a week. Single lessons are \$2.25 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up. Less than eight lessons per semester will be charged at the single lesson rate.

## FEES AND RENTALS

### *Application Fee:*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Laboratory Fees:*

All freshman and sophomore courses having a one credit hour laboratory (course numbers 1-99) the laboratory fee will be \$7.50 per semester per course.

All freshman and sophomore courses having a two credit hour laboratory (course numbers 1-99) the laboratory fee will be \$10.00 per semester per course.

All junior and senior courses having a laboratory (course numbers 100 and above) the laboratory fee will be \$10.00 per semester per course.

### *Exceptions:*

Physical Science Survey .....	\$ 3.00
Biological Science Survey .....	3.00
Mechanical, Architectural, Engineering Drawing and Carpentry .....	3.50
Linotype (3 hours per week) .....	12.00
Welding .....	30.00
Truck and Tractor Mechanics .....	20.00

All clothing and tailoring classes \$3.00; all foods classes with a laboratory \$10.00.

All Business courses having a laboratory carry a laboratory fee of \$3.00 per semester.

All drawing and painting courses carry a laboratory fee of \$3.00 per semester, with the exception of sculpture and ceramics which carry a fee of \$5.00 per semester hour of credit.

### *Medical Examinations:*

All students are required to bring completed physical examination blanks with them when they come to register. If they do not it will be necessary for them to take the examination here at the college for which a \$3 charge will be made by the college payable in advance. No one will be allowed to begin registration until the medical blank has been approved.

***Fine Arts — Music:***

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not. All music theory classes carry a fee of \$2.00 in addition to tuition.

***Physical Education:***

	Per Semester
Physical Education and Medical Cadet Corps.....	\$2.00

***Rentals:***

	Per Month
Typewriter, one period per day .....	\$1.50
Music Instruments .....	1.50
Music Rentals	Per Semester
Practice Room, one hour a day .....	\$ 5.00
Practice Room, two hours a day .....	8.00
Pipe Organ, Estey, two hours a week .....	14.00
Pipe Organ, Wurlitzer, three hours a week .....	14.00
Single practice periods are charged as follows:	Per Hour
Estey Organ .....	.50
Wurlitzer Organ .....	.35

***Special Fees:***

Permit for each special examination .....	3.00
Change of class after two weeks .....	1.00
Degree .....	5.00
Diploma — Professional .....	5.00
Certificate (pre-nursing) .....	2.00
Late Registration .....	5.00
Medical Aptitude Test .....	10.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the college, and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days 50% will be refunded. After that, no refunds will be made.

If a student decides to drop his laboratory course after purchasing the breakage ticket and after checking in his locker, all but \$1.00 will be refunded on the breakage ticket.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.



### THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the college such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the pass-book.

### COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

### MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account. All checks paying school expenses should be made out to the college. All checks for personal cash are to be made out to the students, not the college. Please do not combine money to be given to students with the check which pays the school bill. Purchases of books are personal items that the student buys for cash, and they are not considered as part of the school bill.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective with the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the dormitory dean.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the college are fully paid.



One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The college reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and home expenses. Labor credits cannot be transferred to any person other than a brother or sister, and then only with the permission of the Board of Trustees. Students accepting employment in any department agree to the above provisions.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public Law* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law* 346, 78th Congress 1944).

Veterans wishing to attend school under the provisions of *Public Law* 346 should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law* 16 should be evidenced by a letter authorizing such training signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by presenting an "Authorization Certificate" or showing a photostatic copy of a certificate of eligibility from the State.

Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that suspended items by the Government, either State or Federal, will be paid by them. Veterans will do well to plan to have sufficient funds to cover at least two months' living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts until government subsidies are received.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the college. Details of such scholarships should be obtained from the business office before the student begins work.

### ENROLLMENT ANALYSIS 1950 - 1951

Regular Semesters	Men	Women	Total
Freshmen .....	164	182	346
Sophomores .....	99	59	158
Juniors .....	116	43	159
Seniors .....	101	32	133
Special .....	0	13	13
Postgraduates .....	23	15	38
Preparatory School .....	91	77	168
Summer Sessions '50			
Freshmen .....	18	15	33
Sophomores .....	23	9	32
Juniors .....	43	8	51
Seniors .....	43	11	54
Special .....	7	18	25
Preparatory School .....	17	11	28
COLLEGE TOTAL .....			1042
PREPARATORY TOTAL .....			196

## GRADUATES OF 1950

### BACHELOR OF ARTS

Wilber Alexander	Herbert Bushnell Dunham
Sydney Earl Allen, Jr.	Philip Winfield Dunham
John Donald Anderson	Lawrence Ennis Eddlemon
Max Wayne Barkhurst	Harold Dennis Frank
Howard Eugene Bates	Harry Garlick
George Clyde Bergman, Jr.	Earl Melvin Gillespie
Marvin Murry Brown	Dan Roderick Goddard
William Sherman Brown	James Alden Hall
Glenn William Bylsma	Rose Marie Hamm
Donald Herbert Calkins	Robert Edward Hanks
Roland Carlhill	Howard Owen Hardcastle
Joseph Carl Carnig	Robert Wayne Hauser
Howard Wilson Carter, Jr.	Jack Gordon Hennemann
Walter Dean Cason	Reuben Lynn Hilde
Samuel Delos Champaign	Edward Torao Himeno
Gordon William Collier	Myron Jack Hood
William David Cuff	John William Ingels
Roger Martyn Deapen	Richard Allen James

Edgar Orvan Johanson  
 Warren LeRoy Johns  
 Harold Stephen Johnson, Jr.  
 Robert Milton Jones  
 Ruth Lane Jones  
 William Kanka  
 Frank Lloyd King  
 John Lloyd Krell  
 Irvin Nelson Kuhn  
 James Truble Ladd  
 Jack Henry Lamb  
 Carel William Lane  
 Donna Lee  
 Deryl Herbert Leggitt  
 Manley J. Luckey  
 Percy Tim Wo Lui  
 Robert Deforest Macomber  
 John Roy Madsen  
 Bala Mangru  
 Robert Leroy McCormick  
 Barbara Jean McNeil  
 Raul Alberto Miller  
 Robert Harold Murphy  
 Cloey J. Murray  
 John Durwood Murrell  
 David Marlin Neidigh  
 Florence Virginia Nelson  
 Leonard August H. Neuman  
 Noel Guy Newhard  
 Richard Monroe Norman  
 Elvin Lyle Oblander  
 Robert Edgar Odell

James Edward Offlee  
 Kenneth Charles Parrett  
 Jack Duane Pullen  
 Oscar Leo Redwine  
 Donald William Rigby  
 Isaac Cecil Schneider  
 Clarence Andrew Schram  
 Marvin Alexander Seaward  
 Richard Frank Serns  
 Ichiro Shimomura  
 James B. Shuttleworth  
 Dorothy Irene Simkin  
 Charles Melville Smith  
 Steve I. Spaugh  
 Burl Edward Stahlman  
 Dean Forrest Stauffer  
 Earlyne King-Thompson  
 William E. Tryon, Jr.  
 George Lea Vannix  
 Harry Frederick Vernoy  
 Joseph John Verska  
 Clyde Dale Vineyard  
 Phyllis Williams-Vineyard  
 John Robert Ward  
 Charles Everett Watkins, Jr.  
 Emmett Davis Watts  
 Charles Chester Weeks  
 Harold Franklin Welsh  
 Melvin Eugene White  
 Rodney Ellsworth Willard  
 Derrill Ellsworth Yaeger

### BACHELOR OF SCIENCE

Elsie Lorraine Bader  
 Almon J. Balkins, Jr.  
 Alden Robert Becraft  
 Howard Earl Benson  
 Duane Walter Bradley  
 Dorothea Brown  
 Glenn William Chadwick  
 Richard Ellis Davenport  
 Everette Wesley Dick  
 Augustus Hunter Foster, Jr.  
 John Joseph Harris  
 Lewis William Harris  
 Eugene Harry Heidenreich  
 Charles Mason Henner

James Heber Hoggan  
 Theodore Charles Howard  
 David James Jamieson  
 John Raymond Koos  
 Richard Charles Larson  
 Kenneth James McGill  
 Violet Grace Miller  
 Katherine Faye Rhymes  
 Albert Earl Spaulding  
 Ralph J. Thompson, Jr.  
 Reinhold Trupp  
 Alfred Robert Twiss  
 Marjorie Jean Venden

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LAKE ARROWHEAD

Mt. San Gabriel

Mt. San

Joshua Forest

Arrowhead

Hot Springs

BRANDMONT

March Field

Cajon Pass

REDLANDS

LOMA LINDA

SAN BERNARDINO

Mt Baldy

SANTA ANITA

RIVERSIDE

Orange Groves

La Sierra College

FONTANA

POMONA

Lemon Groves

ARCADIA

San Santa Anita

San Gabriel Mission

Orange Groves

PASADENA

Rose Bowl

GLENDALE

SANTA ANITA  
Oil fields

San Fernando Mission

LOS ANGELES

HOLLYWOOD

SANTA PEDRO

BEVERLY HILLS

SANTA MONICA

MALIBU

SA



COURTESY OF  
THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED









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# *La Sierra College*

*Arlington, California*



## BULLETIN

1952-1953













COURTESY OF  
THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED



LA SIERRA COLLEGE  
BULLETIN

CATALOG NUMBER

1952 - 1953



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Arlington, California

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# CALENDAR

1952 - 1953

SEPTEMBER							JANUARY							MAY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6				1	2	3							1	2
7	8	9	10	11	12	13	4	5	6	7	8	9	10	3	4	5	6	7	8	9
14	15	16	17	18	19	20	11	12	13	14	15	16	17	10	11	12	13	14	15	16
21	22	23	24	25	26	27	18	19	20	21	22	23	24	17	18	19	20	21	22	23
28	29	30					25	26	27	28	29	30	31	24	25	26	27	28	29	30
														31						
OCTOBER							FEBRUARY							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4	1	2	3	4	5	6	7		1	2	3	4	5	6
5	6	7	8	9	10	11	8	9	10	11	12	13	14	7	8	9	10	11	12	13
12	13	14	15	16	17	18	15	16	17	18	19	20	21	14	15	16	17	18	19	20
19	20	21	22	23	24	25	22	23	24	25	26	27	28	21	22	23	24	25	26	27
26	27	28	29	30	31									28	29	30				
NOVEMBER							MARCH							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	1	2	3	4	5	6	7				1	2	3	4
2	3	4	5	6	7	8	8	9	10	11	12	13	14	5	6	7	8	9	10	11
9	10	11	12	13	14	15	15	16	17	18	19	20	21	12	13	14	15	16	17	18
16	17	18	19	20	21	22	22	23	24	25	26	27	28	19	20	21	22	23	24	25
23	24	25	26	27	28	29	29	30	31					26	27	28	29	30	31	
30																				
DECEMBER							APRIL							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30	31				26	27	28	29	30			23	24	25	26	27	28	29
														30	31					

**Bold Dates**—Financial periods close. (Accounts due within ten days.)

**Underscore**—Examination days.

# CALENDAR OF EVENTS

1952 - 1953

## SUMMER SESSIONS 1952

Registration .....	June 15
First Summer Session Begins .....	June 16
Second Summer Session Begins .....	July 28

## FIRST SEMESTER

Freshman Welcome Day (Attendance Required) .....	September 22
Freshman Registration .....	September 22
Registration .....	September 23
Instruction Begins .....	September 24
Founders' Day .....	October 3
Fall Week of Prayer .....	October 10-18
Mid-Semester Examinations .....	November 24-26
Autumn Recess 12:30 p.m. ....	November 26
to 6:00 p.m. ....	November 30
Senior Organization .....	December 3
Senior Presentation .....	December 15
Winter Vacation 12:30 p.m. ....	December 19
to 6:00 p.m. ....	January 4
First Semester Examinations .....	February 2-6

## SECOND SEMESTER

Second Semester Registration .....	February 8
Second Semester Instruction Begins .....	February 9
College Day .....	March 4
Spring Week of Prayer .....	March 13-21
Mid-Semester Examinations .....	April 7-9
Spring Recess 12:30 p.m. ....	April 8
to 6:00 p.m. ....	April 12
Alumni Homecoming .....	May 3
Second Semester Examinations .....	June 1-5
Consecration .....	June 5
Baccalaureate .....	June 6
Commencement .....	June 7

## SUMMER SESSIONS 1953

Registration .....	June 13
First Summer Session Begins .....	June 14
Second Summer Session Begins .....	July 27

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the college and faculty appointments should be addressed to the president.

Other inquiries should be addressed as indicated below:

Application for Admission.....	Chairman, Admissions Committee
Application for Employment.....	Business Manager
Payment of Bills.....	Business Office
Catalogs and Bulletins.....	Dean of the College
Alumni Affairs.....	Alumni Sponsor
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FRANK E. ROMANT, *Superintendent of College Store*

JOHN DEAN, *Superintendent of Grounds*

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RHODA FYRNN JEFFERSON HELM, B.S. *Supervising Teacher, Grade Four*  
B.S., Pacific Union College, 1949; graduate work, Pacific Union College, summer 1949. *La Sierra College*, 1950-

PAULINE BEEKS KOORENNY, A.B. *Supervising Teacher, Grade Seven*  
A.B., Walla Walla College, 1946; graduate work, University of Colorado, summer 1951. *La Sierra College*, 1948-

NELLIE G. ODELL, M.A. *Supervising Teacher, Grade Three*  
A.B., Pacific Union College, 1938; M.A., Columbia University, 1949. *La Sierra College*, 1945-

HELEN R. SWENSON, B.S. *Supervising Teacher, Grade Six*  
B.S., University of Denver, 1945; graduate work, Claremont College, 1949. *La Sierra College*, 1948-

MARY WOODWARD, A.B. *Supervising Teacher, Grade Two*  
A.B., Pacific Union College, 1940; graduate work, University of California at Los Angeles, 1946. *La Sierra College*, 1947-



## FACULTY COMMITTEES

### *Administrative Council*

President, Dean, Business Manager, Registrar, Preparatory School Principal, Dean of Men, Dean of Women, Edward Heppenstall, Julian Thompson, Harold B. Hannum, Ralph L. Koorennny.

### *Academic Policies Committee*

Thomas A. Little, Wilfred J. Airey, Donald M. Brown, Mary I. Champion, Harold B. Hannum, Edward Heppenstall, D. Glenn Hiltz, Frank Judson, George T. Simpson.

### *Curriculum Committee*

Dean, Registrar, Heads of the Departments.

### *Library Committee*

D. Glenn Hiltz, D. Cecil Barr, Allen Craw, J. Cecil Haussler, Charles B. Hirsch, Clarence Laue, Helen F. Little, H. Raymond Shelden, George T. Simpson.

### *Personnel Committee*

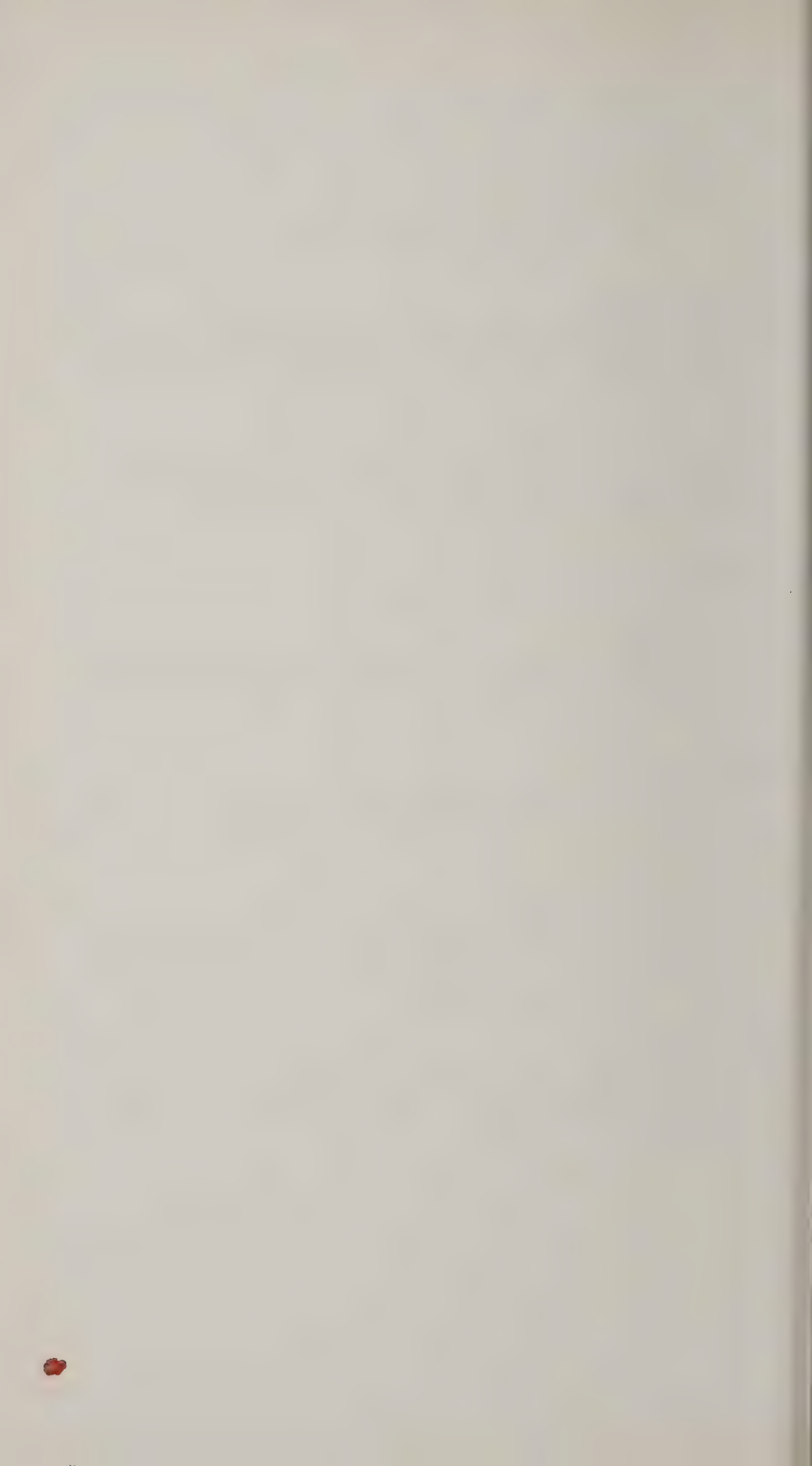
Thomas A. Little, Thomas H. Blincoe, Lloyd Downs, Anna P. Edwardson, Harold F. Lease, Lois McKee, Edward Nachreiner, George T. Simpson.

### *Religious Activities Committee*

J. Cecil Haussler, Walter F. Specht, Lillian Beatty, Thomas H. Blincoe, Hope Hayton, Edward Heppenstall, Alger F. Johns, Harold F. Lease, Edward W. Matheson, Lois McKee, Alwin L. Toews, Alfred Walters, Lloyd E. Downs, Edward Nachreiner.

### *Social Activities Committee*

John T. Hamilton, W. E. Anderson, Margarete Ambs, Allen Craw, Lester Cushman, Elmer Digneo, William Napier, James Riggs, Mabel C. Romant, Robert Warner.



# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and paved highway to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. During the winter months the snow-clad peaks of the Southern Sierras can be seen rising above the orange groves, a view of rare beauty from the campus.

*Buildings, Equipment, and Grounds.* The college plant consists of fourteen main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

THE ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY (built in 1946) contains the administrative and business offices of the college and the offices and classrooms of the Business Division. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells. A microfilm room is fitted with reading machines and storage cabinets.

LA SIERRA HALL (built in 1923), once the administration building, occupies a central position on the campus. It contains teachers' offices and classrooms of the Religion, Social Sciences, and Language Divisions, and the Physics Department.

SAN FERNANDO HALL (built in 1931) contains teachers' offices, classrooms, and laboratories of the Departments of Biology and Chemistry.

THE HOLE MEMORIAL AUDITORIUM BUILDING (built in 1937) contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School and the Assembly Hall, which seats three hundred. A second pipe organ is on this floor.

THE INDUSTRIAL ARTS BUILDING (built in 1949) contains teachers' offices, classrooms, and laboratories for courses in home economics, agriculture, printing, wood trades, and drafting.

HOME ECONOMICS COTTAGE, located on Campus Drive, provides space in addition to the Home Economics section of the Industrial Arts building for practical instruction in the home arts.



THE DEMONSTRATION SCHOOL (built in 1947), located northeast of the main campus, combines the functions of parochial school for the community and demonstration school for the Department of Elementary Education. There are eight classrooms and eight teachers' offices. Each classroom has space for activities. The construction is of fireproof Latisteel.

MU BETA KAPPA (built in 1922), residence hall for men, is one of the two original buildings on the campus. It contains forty-two student rooms and the office and living quarters of the assistant dean of men.

GLADWYN HALL (built in 1922), residence hall for women, is the other original building, erected the first year of the school. It contains forty-three student rooms and the office and living quarters of the assistant dean of women.

CALKINS HALL (built in 1938), residence hall for men, contains the office and living quarters for the dean of men, a dispensary, and sixty-six student rooms.

ANGWIN HALL (built in 1940), the newest residence hall for women, contains public rooms similar to those of Calkins Hall, office and living quarters of the dean of women, and fifty-one student rooms.

SOUTH CHAPEL (built in 1951), the newest campus structure, is a place of worship for dormitory men. In addition to being used for morning and evening worship, the building is always open for private devotion. Of modified Gothic style, the building seats three hundred.

THE CAFETERIA (built in 1941) contains on the main floor a dining room seating four hundred, and a smaller dining room known as the "Banquet Room." On the lower floor are located the office and rooms of the Art Department, the printing laboratory, the apartments of the cafeteria director and her assistant, the kitchen, and the bakery.

COLLEGE HALL (built in 1935), on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting and by the college during the school year as a gymnasium.

THE INDUSTRIAL BUILDINGS include the La Sierra College Press, the laundry, the college store, and a shop housing wood and metal working equipment, and offices for industrial superintendents.

THE PHYSICAL EDUCATION BUILDING (built in 1946), also located on Campus Drive, adjoins the recreation field and is built around the swimming pool. The building contains shower and locker rooms, offices and classrooms.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modern creamery and ice cream plant.

Recently installed at a cost of \$50,000 is the modern sewage disposal plant which takes care of all campus buildings, including residences and veterans' courts.

**THE CHURCH** (built in 1947), a beautiful house of worship for college and community, is located north of the campus on college property. It has a seating capacity of more than 2,200 in the main auditorium. A large church pipe organ was installed in the church in the spring of 1952.

Under construction is a new **SCIENCE HALL** which will house the Biology and Chemistry departments. Built in a U-shape, the \$160,000 structure will contain 20,000 square feet of space for classrooms, laboratories, offices, and a biology museum. The building will be ready for occupancy by the fall of 1952.

Closely connected with the college plant is the factory of the Loma Linda Food Company. This modern steel and concrete factory stands northeast of the campus on land donated by the college. A number of students are given employment in the factory.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting and instruction by Christian teachers in the arts and sciences of living and service. Each student is required to gain some experience in the area of applied arts, and encouragement is given to work experience on the campus. From the beginning the school has been coeducational, with residence halls on the campus, supervised by members of the staff.

The first college work in teacher training was offered in 1923, and the school acquired the name La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months the college became a full sixteen-grade institution, and the California Legislature approved a new charter, changing the name to La Sierra College and authorizing the granting of degrees, and the American Medical Association approved the premedical curriculum at La Sierra.

*Accreditation.* La Sierra College is accredited as a college of liberal arts by the Northwest Association of Secondary and Higher Schools and is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools. The college is also a members of the American Council on Education and of the Association of American Colleges.

*Curricula.* The college has organized its studies into two general divisions:

- A. The lower, or junior college, biennium, designed to lay foundations and to survey the principal areas of knowledge.
- B. The upper, or senior college, biennium, designed to build men and women of intellectual maturity prepared for service in community and church affairs, and to provide for the student concentrated study in the field of his chosen profession.

The college also offers a number of semiprofessional and preprofessional curricula designed to serve the needs of students going into the professions of medical technology and medical therapy, dentistry, dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after meeting the graduation requirements of the college, are granted the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music Education.

## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and to train him to a degree of social competence which will make him a responsible and effective member of society. As a Christian school, the college is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the Biblical specifications of a man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the college are defined as follows:

1. *Intellectual Objectives.* The college seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal



lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The college endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will find ready acceptance in a sound social order and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well-balanced personality.

5. *Aesthetic Objectives.* The college seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The college endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well-founded understanding of the leading domestic and international issues of the time, a sincere love for our country and its fundamental principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the function and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. Emphasis is placed on intelligent recreational use of leisure time and on cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor and to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semi-professional activities. Also offered is preprofessional training which

is prerequisite to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the college to develop strong men and women with the high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline, therefore, are founded upon the principle that character building is the highest object of education and that a good name, standing for integrity, honor, and godliness, is the objective alike of the student for himself and of the college for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the Word of God, to attend religious services, and to abide by the regulations of the college as listed in the student handbook (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra College have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the college.*

As the college retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue his residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the college, or unfaithful to his pledge, may be deprived of membership without specific charges.

## STUDENT PERSONNEL SERVICE

*Orientation.* All new students are required to attend the program of orientation which precedes registration each year. This program is conducted to familiarize the student with the traditions, ideals, policies, ethics, and regulations of the college. In return, the college endeavors to become better acquainted with the new students so that its personnel will know how and what to advise in each student's college work.

*Guidance.* The guidance program of the college is constructed on the basis of the student's high school record, his college entrance tests, and his own needs. Each entering student is assigned to a faculty adviser and is invited to consult him as frequently as he wishes on personal, academic, or religious matters. Beginning with the student's sophomore year, or as soon thereafter as he has chosen a major field for study, his major professor becomes his adviser, and this relationship remains constant until graduation.



*Placement.* One of the services of the student personnel program of the college is help toward the appointment of its graduates to positions for which they have prepared. This service to seniors and alumni is maintained without fee or commission. The placement office keeps credentials of the graduates and on request transmits copies of the student's record and recommendations to prospective employers.

*Residence.* The greatest profit and enjoyment and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the college undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not reside with their parents, near relatives, or legal guardians are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and trustworthy students who may, on written request, be given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the student handbook.

*Health Service.* It is the purpose of the college to encourage the development of the physical powers as well as the mental and spiritual. The health service is under the direction of a registered resident nurse presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the college maintains a cafeteria where wholesome food is served and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Education Program.* In addition to providing the health service, the college gives attention to physical fitness through recreational opportunities and through courses designed to strengthen and develop the body. These courses include gymnastics and field exercises, swimming for life-saving as well as for health, body-building recreational activities, and instruction in healthful living.

Since so many college students leave school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous system, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered for growth and experience which leadership in student organizations affords. All campus clubs are governed by a constitution or set of by-laws which have been approved by the college personnel committee.

The *Associated Student Body* provides for the cultural, recreational, and spiritual activity of the college, and furnishes a point of contact between faculty and students. All students become members of this organization upon registration.

The *La Sierra College Chapter of the American Temperance Society* is an organization active in combating the liquor and tobacco traffic and in presenting temperance principles to the world. The society is open to everyone interested.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in medical missionary work, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

The *Colporteur Club* promotes interest in colporteur evangelism. All students interested in the aims of this organization are eligible for membership.

*Sigma Phi Kappa* is a club whose objectives are to encourage an expression of individual ideas and to promote social development among the women of the college.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Arts and Letters Guild* is designed to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The guild offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The *La Sierra College Biology Club* aims to further the interests of all students of biology; to unify and promote good fellowship with those who desire personal enrichment through its activities; to engender a love for the wholesomeness of personal contact with the out-of-doors. Club members are encouraged to use the facilities of the department for club-sponsored projects. Membership is open to all biology majors and minors. Others interested may become associate members by invitation.

The *College Commercial Club* objectives are to foster a spirit of friendliness and cooperation among commercial students, to aid in training for leadership, and to present current developments and problems in business life. The club meetings are divided equally between social and educational activities.

The *Filomena Club* is open to all preclinical nursing students. Its aim is to foster an interest in nursing and to acquaint the student with some of the trends and current problems in her chosen field.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political interrelations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extracurricular interest in the things and aims of chemistry. Membership is open by invitation to students who elect to major in chemistry. Juniors and seniors

qualify for active membership, and students below junior standing qualify for associate membership.

*Le Cercle Francais* aims to foster an interest in France and its culture. Although this club is organized primarily for students in the French department, others who are interested in the French language or in French culture are invited to join.

*Verein Edelweiss* is a club designed to create among the students of German an interest in and understanding of the German people, their culture, and their contribution to the world's heritage in the field of language, literature, music, and science. Lectures, films, and social programs are means to that end.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers and who wish to begin their service while in college.

The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought, leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders. This club was the first of its kind to be organized within the General Conference Educational Department and the name originated on the La Sierra campus.

The *Photography Club*, with its membership composed of those with some experience and much interest in things photographic, serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Radio Club* has for its purpose the increasing of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

## PUBLICATIONS

**THE COLLEGE CRITERION.** The college weekly is written and edited by students and is the official publication of the Associated Student Body.

**THE METEOR.** The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra College.

**LA SIERRA COLLEGE BULLETIN.** Annually and semiannually the college issues a bulletin showing the organization of the college,



course offerings, financial information, board members, faculty, other staff members, and graduates.

## ALUMNI ASSOCIATION

The purpose of the La Sierra College Alumni Association is to promote a spirit of fraternity among the alumni and to maintain their interest in the college.

### OFFICERS

Willis Risinger, '29, president  
Alger F. Johns, '37, vice-president  
George T. Harding, '49, vice-president  
Mary Dona Bothe, '49, secretary  
Cloey Murray, '50, assistant secretary  
Floyd Wood, '46, treasurer  
Cecil Jones, '31, assistant treasurer

## MISCELLANEOUS INFORMATION

*The Summer School.* The college conducts two summer sessions of six weeks each. For information write to the dean of the college for the summer sessions *Bulletin*.

*The Preparatory School.* The college has connected with it a fully accredited academy or preparatory school. For information write for the *Bulletin* of La Sierra College Preparatory School.

*Communications.* The mail address of the college is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is Riverside 9180. After 6:00 p.m. and on Sabbath (Saturday), call the following numbers: President, Riverside 9277; Dean, Riverside 9180; Manager, Riverside 9715-J; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267. Student telephones: Angwin Hall, Riverside 9432; Calkins Hall, Riverside 9433; Gladwyn Hall, Riverside 9424; Mu Beta Kappa, Riverside 9787.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the college at least thirty days before the student desires to enter. *Under no circumstances should a student come to the college before he has had formal notice of acceptance by the Admissions Committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration may be given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should send \$10.00 for a room deposit, as *notice of acceptance does not automatically reserve a room in the school homes.* When the student registers, the room deposit is applied on his entrance charges.

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or in the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the registrar of the college.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.



Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Veterans who were citizens of California at the time of induction may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Graduates of accredited secondary schools may be admitted as regular college students upon presentation of an official transcript certifying completion of 16 units with an average grade no lower than C (where the passing grades are A, B, C, D).

Although the pattern of subjects required for entrance is not rigidly prescribed, it is recommended that the prospective college student give primary emphasis in his high school program to the subjects which are considered especially valuable as preparation for enrollment in a liberal arts college.

*Admission by Examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own, are unable to furnish complete credits may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. These examinations should be taken before the student completes his registration.

*Provisional Admission.* Applicants who in the opinion of the Committee on Admissions are qualified to carry college work but who do not fulfil the specified pattern for regular admission may be admitted subject to advisement regarding their curriculum content. Entrance deficiencies must be removed or provided for before the close of the first year of college registration. In many instances deficiencies may be removed by carrying specified courses on the college level.

*College seniors will not be given credit for freshman courses taken in the senior year even though they are required. All such courses must be taken before the student reaches senior standing.*

*Admission to Advanced Standing.* A transfer student wishing advanced standing must present to the registrar an official transcript of record and a certificate of honorable dismissal from a school of recognized collegiate rank. He must have a grade average of at least C in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of at least C in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra College for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of 12 semester credit hours will be admitted to sophomore standing after successfully completing 28 semester hours, and to upper

division standing after completing (1) 50 hours of lower division courses with at least a 1.0 (C) average and with all lower division requirements completed or in the current registration, or (2) 56 hours of lower division courses with at least a 1.0 average and with all lower division requirements except 12 hours, which must be completed before senior standing is granted, or (3) 60 hours of lower division courses with at least a 1.0 average.

A student is eligible for membership in the organized junior class only if he is carrying to completion at least ninety-two semester hours of credit, has at least 1.0 average, and has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of the junior year. After completing ninety-two hours in an acceptable and appropriate program of studies with at least a 1.0 average, the student is eligible for senior standing and may file his application with the registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the dean of the college is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* The college has appointed two Welcome Days at the opening of the year for freshmen. The purpose of these days is to introduce the freshman to school life and to help him plan his program. Attendance of all freshman students is required, the only exception being those students who have attended La Sierra College a year but who do not have sufficient credits for sophomore standing. During Welcome Days certain required tests are administered to the freshman, the results of which aid the advisers in their work of counseling and registering the students.

Other students are expected to be present for the regular registration days, which immediately follow freshman registration.

Regular registration is permitted for the first two weeks of the winter semester and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the president or dean; if the permission is granted, they must (2) pay a late registration fee of \$5.00; (3) submit to a reduction of class load by one credit hour for each week they are late, including the first two; (4) make up the work missed in the classes to which they are admitted. Counting from the opening of the semester, no student will be accepted for regular class work after four weeks of the winter semesters or three days of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshmen and students new to La Sierra College for whom aptitude and placement scores are not available are required to take tests that provide such scores before

they register. The tests are to be taken on designated days. The college reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

All lower division students entering La Sierra College for the first time and all other students who do not have credit in Freshman English from some other college are required to take the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students who are low on the English Placement Test will be required to enroll in course OA, Functional Grammar and Language Elements, and to continue taking the class until able to pass a satisfactory examination in the subject.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and Physical Education, except by previous arrangement with the registrar and under the following conditions: no incompletes (I) or warnings (E) are to be incurred, and at least a 1.5 average must be maintained in all classes. The student will be asked to lessen his class load if he does not maintain a grade average of at least 1.0. Under no circumstances does the college permit a student to carry more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies for sound academic reasons during the first week of a regular semester with the consent of the instructor, the adviser, and the dean of the college. Courses may be dropped during the first six weeks on the same basis. After the first six weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the dean of the college.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up after advance arrangements have been made with the instructor and a permit secured from the business manager, who is authorized to collect a fee of \$3.00 for each such permit.

*Scholarship Reports.* Reports showing progress grades are issued by the registrar after the mid-semester examinations. Semester grades are issued by the registrar and recorded for permanent reference.

*Private Work and Correspondence.* No student may teach or take private school work or correspondence courses while enrolled at the college without securing permission in advance from the dean of the college. Six lower division hours are the permissible maximum for credit. No such permission can be granted for courses to apply on the major or minor or in the upper biennium. Credits earned in violation of this regulation will not be honored by the college. Credits earned



by correspondence after failure in the same course at La Sierra College will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the college. Tutoring service is arranged by the staff with the consent of the Academic Policies Committee.

*Transfers from Foreign Countries.* Credits from schools outside the United States and its dependencies will be sent to the United States Office of Education for evaluation.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college class, and no unexcused absences are allowed without penalty.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period a week for one semester of eighteen weeks and satisfactorily meeting the course requirements, credit for each such hour being based on the standard of two hours of preparation for each class period. Three clock hours of laboratory each week, or three fifty-minute periods each week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure) .....	minus 1
E (warning)	
I (incomplete) (Becomes a failure if not removed within six weeks after the close of the nine-weeks period or semester.)	
Wp (withdrew passing) .....	0
Wf (withdrew failing) .....	minus 1





# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including the baccalaureate degrees. The college confers the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music Education.

The BACHELOR OF ARTS degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration and an appropriate minor.

Students may select a major from the following:

Biology	Music
Business Administration	Physics
Chemistry	Religion
Elementary Teacher Education	Secretarial Science
English	Speech
French	Theology
History	Visual Arts
Home Economics	

Minors may be secured in the same fields as the majors (except in Theology) and in addition may be secured in the following fields:

Agriculture	Physical Education
Biblical Languages	Printing
German	Secondary Education
Journalism	Spanish
Mathematics	Wood Trades and Drafting
Social Science	

The BACHELOR OF SCIENCE degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies Committee. These curricula are as follows:

Agriculture	Industrial Arts
Business Administration	Nursing Education
Elementary Teacher Education	Secretarial Science
Home Economics	

The BACHELOR OF MUSIC EDUCATION degree is offered for those who wish to teach in the field of music. Requirements of the curriculum are listed on page 68.

The college also grants certificates to students completing junior college preprofessional and terminal curricula.

## DEFINITION OF MAJOR AND MINOR

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fourteen must be in the upper biennium.

The minor is defined as a subject concentration of eighteen semester hours, of which at least nine must be in the upper biennium unless otherwise specified in the departmental requirements.

## THE BACCALAUREATE DEGREES

*Entrance Requirements for Curricula Leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Music Education Degrees:*

Graduates of accredited secondary schools may be admitted to curricula leading to the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music Education upon presentation of an official transcript certifying completion of a minimum of 16 units with at least a C average scholarship record and with distribution as follows:

- a. English                      3 units
- b. At least 1 unit from each of the following fields:
  - (1) Mathematics
  - (2) Natural Science
  - (3) Social Science
- c. Additional units to make up a minimum of two selected from the following four fields:
  - (1) Social Science
  - (2) Foreign Language
  - (3) Mathematics
  - (4) Natural Science
- d. Not more than 4 units of the 16 may be in any one field.

### *The General Requirements:*

To prepare for a baccalaureate degree the student must fulfill certain prescribed requirements as to amount, grade, and distribution of work, including:

- a. The completion of the entrance requirements.
- b. The completion of a total of 128 semester credit hours (140 hours if the major is Theology), of which at least forty must be in the upper biennium.
- c. Grade points equal to the total number of credit hours, that is, a minimum over-all average of C.
- d. Satisfaction of the minimum residence requirements as follows:
  - (1) The candidate for a degree must attend La Sierra College for two semesters or three summer sessions and earn a minimum total credit of twenty-four hours.

- (2) At least twenty-four of the last thirty hours must be earned at La Sierra College.
- (3) At least eight hours in the major field and four hours in the minor field must be earned at La Sierra College.
- e. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. *No grade below C may be counted on either the major or the minor.*
- f. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.
- g. Completion of the basic requirements for the Bachelor's degree. (See below.)

#### BACHELOR OF ARTS DEGREE

##### *Basic Requirements:*

- a. Religion: 12-14 hours, including 5 or 105, 6 or 106, and 51, 52 (or 151, 152), of which at least 4 hours must be in the upper biennium. A maximum of 4 hours in applied theology may be included. Religious history may not be included.
- b. Science and Mathematics: 8 or 9 hours, of which 6 must be in science.
- c. Physical Education and Health: 2 hours of Health and 2 hours of Physical Education.
- d. Social Science:
  - (1) History: 12 hours, 6 of which are European Civilization and 6 of which are American History and Institutions. The American History and Institutions requirement may be waived by passing a waiver examination not later than the beginning of the sophomore year.
  - (2) Social Science: 3 hours chosen from Psychology 5, Sociology, Geography, Economics 1-2, and Political Science. (If a student chooses Economics 1-2, he will take 6 hours.)
- e. Language and Literature
  - (1) English: 14 hours, including English 1-2 and at least 4 hours of literature; may include 4 hours of speech.
  - (2) Foreign Language: 6 hours for the student who pursues the same language in college in which he has completed 2 units in the secondary school; 14 hours for the student who begins a new language in college.

- f. Fine Arts: 4 hours, the student to select from Music 63, 64; 111, 112; 113, 114; 161, 162; Visual Arts 55, 56; 117, 118.
- g. Applied Arts: 4 hours.

#### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirements, which are not required. (See page 33 for curricula leading to a Bachelor of Science degree.)

#### BACHELOR OF MUSIC EDUCATION DEGREE

*Basic Requirements:* See page 68 for requirements for this degree.

#### BULLETIN OF GRADUATION

The Bulletin under which a student will be allowed to graduate is determined on the basis of one of the following three conditions:

- a. The Bulletin he enters under, provided he does not break residence by as much as a year.
- b. The Bulletin of his junior year.
- c. The Bulletin of his senior year.

*The responsibility for fulfilling the graduation requirements rests primarily with the candidate for a degree.*

## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk (\*) will be offered in 1953-1954; those without this mark will be offered in 1952-1953 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement.

The college reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying hyphenated numbers are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Course numbers separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who qualify for studies in the upper biennium.

The divisions are:

- I. THEOLOGY, RELIGION, AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL SCIENCES
- IV. EDUCATION
- V. LANGUAGE AND LITERATURE
- VI. MUSIC AND ARTS
- VII. APPLIED ARTS
- VIII. BUSINESS AND SECRETARIAL SCIENCE





# DIVISIONS OF INSTRUCTION

## I

### THEOLOGY, RELIGION AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

THOMAS H. BLINCOE

ALGER F. JOHNS

J. CECIL HAUSSLER

WALTER F. SPECHT

*Theology Major Requirements:* 48 hours, of which a minimum of 20 must be in the upper biennium. Required courses are listed on page 85. All those desiring recommendation for ministerial internships must major in Theology.

*Religion Major Requirements:* 38 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Religion 5 or 105; 6 or 106; 51,52 (or 151,152); 56 or 115; 109 or 110; 161 or 162; 141 or 142. A maximum of 8 hours in applied Theology and 6 hours in Religious History will be counted toward a major. For Theology, see page 86.

*Religion Minor Requirements:* 18 hours, including the basic requirements in religion, and Religion 56 or 115. A minimum of 9 hours must be in the upper biennium. Religious History may not apply.

#### RELIGION

##### 1,2. LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs. Four Hours

##### 5. PROPHETIC INTERPRETATION I

The historical and prophetic study of the book of Daniel, tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 105 required of all students for graduation. Two Hours

##### 6. PROPHETIC INTERPRETATION II

A study of the Revelation in which the whole Bible is gathered together and made to focus on Jesus Christ, his church being seen in its conflict with the forces of evil and apostasy through the ages and in its ultimate triumph. This course or 106 required of all students for graduation. Two Hours

##### 51, 52. BIBLE DOCTRINES

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151,152 required of all students for graduation. Six Hours

**56. SPIRIT OF PROPHECY**

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theology students only. Two Hours

**105. DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 5 required of all students for graduation. Two Hours

**106. REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry, with emphasis upon eschatology. This course or 6 required of all students for graduation. Three Hours

**109, 110. OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First semester: Prophets of the eighth century B.C.; second semester: Prophets of Judah, the Exile, and the Restoration.) Six Hours

**115. GIFT OF PROPHECY**

A course dealing with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time. Three Hours

**132. ESCHATOLOGY\***

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Offered on alternate years. Prerequisite: 56 or 115. Three Hours

**151, 152. FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51,52 required of all students for graduation. Four Hours

**161, 162. NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background, and theological concepts. Six Hours

**171, 172. PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation, and immortality. Four Hours

**APPLIED THEOLOGY****61, 62 PERSONAL EVANGELISM**

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings, stories, and Sabbath School lessons for juniors. This course is designed especially to develop the art of personal service. Four Hours

**113. HEALTH EVANGELISM**

A survey of the principles of healthful living and the use of these fundamental laws of health for evangelism. May be taken only by theology and religion majors. May be applied either as credit in health or in applied religion. Two Hours

**122. PASTORAL COUNSELING**

Christian psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. Offered on alternate years. Two Hours

**127. HOMILETICS**

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches. Three Hours

**128. HOMILETICS**

A careful consideration of ministerial ethics, the elements of worship and church organization. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc. Three Hours

**137, 138. PUBLIC AND FIELD EVANGELISM**

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.

Prerequisites: Religion 51,52 (or 151,152) and 127. Four Hours

**RELIGIOUS HISTORY****101. ARCHAEOLOGY**

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements. Two Hours

**118. MISSIONS AND MISSION PROBLEMS**

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements. Offered on alternate years. Three Hours

**134. MANUSCRIPTS OF THE BIBLE**

A course showing God's particular care in preserving manuscripts and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**141, 142. HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on a Religion major but may not be applied on a Religion minor. Six Hours

## BIBLICAL LANGUAGES

*Minor Requirements:* 20 hours, of which a minimum of 6 must be in the upper biennium. Before enrolling in Greek courses numbered 100 or above, a student must have completed 12 to 14 hours or the equivalent in that language.

## 7-8. BEGINNING NEW TESTAMENT GREEK

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John.

Eight Hours

## 65-66. INTERMEDIATE NEW TESTAMENT GREEK

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament.

Six Hours

## 145. THESSALONIANS AND CORINTHIANS

Reading and exegetical study of the Greek text of the leading passages of these great letters with special attention to the historical, grammatical, and textual questions involved.

Three Hours

## 146. GALATIANS AND ROMANS

Reading the exegesis of the Greek text with emphasis upon the textual, syntactical, and historical questions involved.

Three Hours

## 149. TEXTUAL CRITICISM OF THE NEW TESTAMENT

A study of the materials, methods, and history of New Testament textual criticism, with practical exercises using microfilms and facsimiles of manuscripts.

Three Hours

## 155, 156. BEGINNING HEBREW

An introduction to the elements of the Hebrew language; readings from the book of Genesis.

Six Hours

## 158. GENERAL EPISTLES

An exegetical study of the Greek text of the epistles of James, Peter, Jude, and John with attention to the historical, syntactical, and textual problems involved.

Three Hours

## 165. ADVANCED HEBREW

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and the Psalms.

(As arranged)



## II

# SCIENCE AND MATHEMATICS

JULIAN L. THOMPSON, *Chairman*

DONALD M. BROWN

WILLIAM D. LEACH

LESTER H. CUSHMAN

JAMES RIGGS

LLOYD E. DOWNS

H. RAYMOND SHELDEN

LUELLA L. KRETSCHMAR

ROLAND D. WALTERS

## BIOLOGY

*Major Requirements:* 30 hours. The courses required depend upon whether the student selects botany, zoology, or general biology as his field of concentration. A major in any concentration must include courses 8 or 56, 153, and 181 or 184. If botany is chosen as the field of concentration, it must begin with course 11,12. If zoology is chosen as the field of concentration it must begin with course 15,16. If, on the other hand, general biology is chosen (botany-zoology mixture) as the major, it may start with 11,12 or with 15,16 but must in addition include 11 or 15, depending upon which is lacking. Each biology major must then select additional upper biennium courses in his field(s) of concentration—twelve if in only one field, eight if in both fields—to complete the required hours for the major.

Electives for any combination must have the approval of the head of the department.

Required cognate courses are: Chemistry 5-6 and either Chemistry 115-116 or Physics 51-52 (both are highly desirable, as is also Chemistry 134).

Courses 1 and 5,6 cannot apply on a major, but may apply on a minor. Either 8 or 56, but not both, may apply on the major or minor.

*Minor Requirements:* 18 hours. The courses required are according to which of the two following combinations is selected: *Group 1.* Biology 11,12 (or 15,16); 8 or 56, plus six hours from the upper biennium. *Group 2.* Biology 1,5; 6; 8 or 56, plus four hours from the upper biennium.

Electives for the minor must have the approval of the head of the department.

### 1. INTRODUCTORY BIOLOGY

For the general college student whose interests are not primarily in science but who wishes to have an appreciation of biology in relation to his environment. Laboratory: three hours each week. Four Hours

### 5-6. ANATOMY AND PHYSIOLOGY

A course primarily for prenursing students, but also for the general college student. Includes the study of the structure and function of the skeleton, the muscles, and the organ systems of the human body, correlated in the laboratory by the dissection of the cat. First semester: three class hours and three laboratory hours per week; second semester: two class hours only. Six Hours

**8. MICROBIOLOGY**

A study of microorganisms for non-science students. Includes the study of bacteria, yeasts, molds, and pathogenic protozoa, rickettsia and viruses. Special emphasis is given to the relation of bacteria to health and disease. Laboratory: three hours each week. **Four Hours**

**11, 12. GENERAL BOTANY**

The fundamentals of plant life as studied through the structure and function of typical forms. The principal groups of the entire plant kingdom are studied and compared. The first semester is prerequisite to the second. Laboratory: three hours each week. **Eight Hours**

**15, 16. GENERAL ZOOLOGY**

A study of the structure and function of animal organisms. Representative forms of invertebrates and vertebrates of the principal groups of animals are studied and compared. First semester is prerequisite to the second. Laboratory: three hours each week. **Three Hours**

**51. NATURE STUDY**

An introductory course in nature study in which the student learns to appreciate a variety of plant and animal forms in their natural habitats. Helpful to prospective teachers and others who wish an introduction to the subject. Six hours class and three three-hour laboratory periods each week. Summer only. **Three Hours**

**56. GENERAL BACTERIOLOGY**

A basic course in bacteriology for students concentrating in science. Designed to broaden the student's view of life and his understanding of nature through the study of the organisms contributing to the balances in nature and those related to decay, fermentation, health, and disease. Laboratory: three hours each week.

Prerequisite: 11, 12 (or 15, 16); Chemistry 5-6 desirable.

**Four Hours**

**103. COMPARATIVE EMBRYOLOGY**

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory: three hours each week. Prerequisite: 15, 16 or equivalent. **Three Hours**

**121. PLANT PHYSIOLOGY**

A study of plant processes with special emphasis on the processes of osmosis, diffusion, photosynthesis, respiration, and mineral nutrition. Laboratory: three hours each week.

Prerequisite: 11, 12 or equivalent.

**Three Hours**

**124. COMPARATIVE ANATOMY**

A study of the morphology of the vertebrates. Laboratory: six hours each week.

Prerequisite: 15, 16 or equivalent.

**Four Hours**

**126. SANITARY BACTERIOLOGY**

Theory and practice in the bacteriology of milk, food, water, and sewage. Standard public health techniques and procedures are emphasized. Laboratory: three hours each week.

Prerequisite: 8 or 56 or equivalent.

**Three Hours**

**128. MAMMALIAN ANATOMY**

A laboratory course in which one credit hour is devoted to a detailed dissection designed to teach the anatomy and organ systems of a larger mammal. The second credit hour is earned by the preparation of an articulated skeleton of the animal type selected. Laboratory: six hours each week.

Prerequisite: 15, 16 or equivalent.

**Two Hours**

**132. SYSTEMATIC BOTANY**

The identification and classification of flowering plants in the local area. Emphasis is on collecting, preserving and field identification. Laboratory: three hours each week.

Prerequisite: 11, 12 or equivalent.

Three Hours

**135. ENTOMOLOGY**

Insect biology and identification with emphasis on its economic importance. Field work and collections are required. Laboratory: three hours each week.

Prerequisite: 15, 16 or equivalent.

Three Hours

**137. PLANT ANATOMY AND MORPHOLOGY**

A study of the microscopic anatomy of plant tissues with emphasis on their origin and development. Laboratory: three hours each week.

Prerequisite: 11, 12 or equivalent.

Three Hours

**139. MAMMALOGY**

A study of the classification, distribution, life habits, and identification of mammals. Field and laboratory work combined. Laboratory: three hours each week.

Prerequisite: 15, 16 or equivalent.

Three Hours

**140. ORNITHOLOGY**

Field and laboratory identification of birds with special emphasis on the Pacific States avifauna. Lectures include their taxonomy, life histories, characteristics of songs, migration, habitats, and special modifications. Field and laboratory work combined. Laboratory: three hours each week.

Three Hours

**143. HISTOLOGY**

A descriptive analysis of normal vertebrate tissues and organs, including those of man. The microscopic identification of stained sections is emphasized in the laboratory. Laboratory: six hours each week.

Prerequisite: 15, 16 or equivalent.

Four Hours

**146. MYCOLOGY**

A study of the fungi, including those responsible for plant diseases. Laboratory: three hours each week.

Prerequisites: 11, 12; 8 or 56 or equivalent.

Three Hours

**148. PARASITOLOGY**

The study of the common parasites of man and domestic animals. Laboratory each week consists of recognition studies of many typical forms. Laboratory: three hours each week.

Prerequisite: 15, 16 or equivalent.

Three Hours

**151. MICROTECHNIQUE**

Preparation, mounting, and staining of plant and animal tissues on slides for microscopic study. Students have opportunity to make their own slide collection for later use in teaching and study and may concentrate in either plant or animal microtechnique or both. Laboratory: six hours each week.

Prerequisite: 11, 12 (or 15, 16) or equivalent.

Three Hours

**153. GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.

Prerequisite: 11, 12 (or 15, 16) or equivalent.

Three Hours

## 155. CYTOLOGY\*

A detailed study of plant and animal mitosis and meiosis to show the relation to genetics and cytogenetics with emphasis in the laboratory on techniques for the study of plant and animal chromosomes. Laboratory: three hours each week.

Prerequisites: 11, 12 (or 15, 16) and 153.

Three Hours

## 158. GENERAL PHYSIOLOGY

A study of the principles of animal function with special attention to processes relating to the metabolism of man.

Three Hours

## 162. BIO-ECOLOGY

A study of interrelations of plants and animals in their life processes and their reaction to the environment. Field trips constitute the major portion of the laboratory work in the course.

Prerequisite: 11, 12 and/or 15, 16 or equivalent.

Three Hours

## 165. FIELD BIOLOGY

An advanced course in field nature study in which the student learns to study, collect, and appreciate a large variety of plant and animal forms in their natural habitats. Technique in identifying and preserving all forms is taught. Six hours class and nine hours laboratory each week.

Prerequisite: 11, 12 (or 15, 16) or equivalent. Summer only.

Three Hours

## 181. PHILOSOPHY OF SCIENCE

A survey of the basic philosophies of science with consideration of the origin and distribution of species.

Three Hours

## 184. THE HISTORY AND LITERATURE OF BIOLOGY

An historical study of the development of the science and the literature of biology, including the step by step advancement of modern concepts of biology and the evolution of the scientific method and the scientific paper.

Three Hours

## 199. PROJECTS AND TOPICS IN BIOLOGY

Experimental and library study of a selected problem as arranged with the head of the department. May or may not involve original research. Limited to upper division biology majors and minors with an over-all grade point average of 1.5 and 2.0 in the field of biology. Not more than two credit hours allowed.

One or Two Hours

## CHEMISTRY

*Major Requirements:* 32 hours, of which a minimum of 18 must be in the upper biennium.

Required courses: Chemistry 5-6, 50, 115-116, and 155-156.

Cognate requirements: Mathematics 5, 8, 77, 78, Physics 51-52.

Recommended: Biology 15, 16, Physics 151, 152, German.

*Minor Requirements:* 20 hours. Required courses: Chemistry 5-6, 50, 115-116.

## 1-2. INTRODUCTORY CHEMISTRY

A beginning course in the practical and theoretical aspects of chemistry. Applies on the basic science requirement for the B.A. degree and meets the needs of the prenursing students. This course and the second semester of Chemistry 5-6 will give a student ten hours credit toward graduation; however, only eight hours of this will apply on a major or minor. Laboratory: one three-hour period each week. Six Hours



**5-6 GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A study of Qualitative Analysis using semi-micro methods is included in the second semester's work. Laboratory: one three-hour period each week.

Prerequisite: High school chemistry or physics.

Eight Hours

**50. QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Proficiency in the use of the slide rule will be helpful. Laboratory: two three-hour periods each week.

Prerequisites: Chemistry 5-6 and Mathematics 5 or equivalent.

Four Hours

**115-116 ORGANIC CHEMISTRY**

A study of the important classes of carbon compounds, their preparation, characteristic reactions, and application to industry, society, and living processes. Laboratory: one three-hour period each week.

Prerequisites: Chemistry 5-6. 50 recommended.

Eight Hours

**121. QUALITATIVE ANALYSIS**

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: two three-hour periods each week.

Three Hours

**130. ADVANCED QUANTITATIVE ANALYSIS**

A continuation of 50, including volumetric precipitation, gravimetric analysis using organic precipitants, electrolytic determinations, and an introduction to instrumental analysis; calculations and theory. Laboratory: two three-hour periods each week.

Prerequisite: 50.

Three Hours

**134. BIOCHEMISTRY**

A study of the chemistry of the physiological processes of the human body. (Course offered only upon sufficient demand.) Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Four Hours

**141. ORGANIC SYNTHESIS**

A course designed to help fit the student for research. Study is given to such topics as literature search, distillation, extraction, purification, and special techniques. Laboratory work consists of the preparation and purification of a number of typical organic compounds. Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Two Hours

**144. QUALITATIVE ORGANIC ANALYSIS**

A course in the classification and identification of organic compounds and mixtures. Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Two Hours

**155-156. PHYSICAL CHEMISTRY**

A study of the fundamental physico-chemical concepts and laws. Laboratory: one three-hour period each week.

Prerequisites: 5-6, Mathematics 77, 78, Physics 51-52.

Six Hours

**161. CHEMICAL LITERATURE**

A supervised approach to the literature of chemistry. Open to senior chemistry majors.

One Hour



## 199. PROJECTS AND TOPICS

Open to senior chemistry majors who wish to study a problem of limited scope under supervision. One-Two Hours

## PHYSICS

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Physics 51-52; 108; 117; 138; 151,152; 199 and Mathematics 170. Required cognate: Chemistry 5-6 (General Chemistry). Chemistry 155-156 (Physical Chemistry) is recommended.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. Required courses: Physics 51-52 and 151-152.

## 5. INTRODUCTORY MODERN PHYSICS

An introduction to the problems and methods of physics, with emphasis on a relatively non-mathematical study of the discoveries since 1900. Laboratory: three hours each week. Four Hours

15. RADIO I (May not be applied on a major or minor in Physics. See Applied Arts section for description of course.) Three Hours

16. RADIO II (May not be applied on a major or minor in Physics. See Applied Arts section for description of course.) Three Hours

## 21. PHYSICS OF FLIGHT

Basic physical principles for the pilot: engines, aircraft aerodynamics, meteorology. (May not be applied on a major or minor in Physics.) Two Hours

## 26. ELEMENTARY ELECTRONICS\*\*

Introduction to direct and alternating current circuits as applied to electronic devices. Laboratory consists of the quantitative study of simple electrical and electronic circuits. (Given only on sufficient demand.) Laboratory: three hours each week. Three Hours

## 51-52. GENERAL PHYSICS

Mechanics, heat, sound, electricity and light, modern physics. Laboratory: three hours each week. Prerequisites: Math. 5, 8 and high school chemistry or physics. Eight Hours

## 108. ELECTRICITY AND MAGNETISM

Electric and magnetic fields, circuits having resistance, capacitance and inductance. Laboratory: three hours each week. Prerequisites: 51-52 and Math 77, 78. Four Hours

## 113. SOUND

Wave motion in material media; acoustics; sound reproduction. (Given only on sufficient demand.) Prerequisites: 51-52 and Math 77, 78. Three Hours

## 117. LIGHT

Refraction and reflection, wave motion, diffraction and interference, polarization. Laboratory: three hours each week. Prerequisites: 51-52 and Math 77, 78. Four Hours

## 138. COLLOQUIUM

Student reports and discussion of current research and physics applications. Limited to physics majors and minors with at least enrollment in 51-52. One Hour

## 151, 152. ATOMIC AND NUCLEAR PHYSICS

A study of atoms and sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second.

Prerequisites: 51-52, Math 77, 78. Physics 108 recommended.

Six Hours

## 161, 162. ELECTRONICS

A study of electron tubes and their associated circuits, with applications. The first semester is a prerequisite to the second. Laboratory: three hours each week.

Prerequisites: 51-52; 108; and Mathematics 77, 78.

Six Hours

## 170. ANALYTICAL MECHANICS (See Mathematics section for description of course.)

Three Hours

## 177. ADVANCED PHYSICAL MEASUREMENTS

Formal laboratory work in upper division physics. May be repeated in a different subject for credit.

Prerequisite: An upper biennium course in the same subject and consent of the department head.

One Hour

## 199. PROJECTS AND TOPICS IN PHYSICS

Experimental and library study of a specific problem under the direction of a staff member. Limited to upper biennium physics majors and minors.

One-Two Hours

## MATHEMATICS

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium. Required course: Mathematics 77,78.

## 1,2. ELEMENTARY MATHEMATICS

A course in beginning Algebra and Geometry.  
(Not counted toward Mathematics minor.)

Four Hours

## 5. INTRODUCTORY COLLEGE MATHEMATICS

Brief review of high school algebra with additional topics of particular interest to science students; fundamentals of computational trigonometry. (Not counted toward Mathematics minor.)

Three Hours

## 8. MATHEMATICAL PREPARATION FOR PHYSICAL SCIENCE

Plane analytical geometry; familiarization with methods of formal differentiation and integration.

Prerequisite: 5 or equivalent high school courses in mathematics.

Three Hours

## 51. ADVANCED ALGEBRA

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations. (Given only on sufficient demand.)

Prerequisite: 5 or equivalent.

Three Hours

## 77, 78. CALCULUS I AND II

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics. The first semester is prerequisite to the second.

Prerequisite: 8 or equivalent.

Six Hours

**101. ADVANCED TRIGONOMETRY**

Additional work in plane trigonometry; the solution of spherical triangles. (Given only on sufficient demand).

Prerequisite: 5, 8.

Two Hours

**102. ADVANCED ANALYTICAL GEOMETRY**

Advanced topics in plane analytical geometry, and solid analytic geometry. (Given only on sufficient demand).

Prerequisite: 8 or equivalent.

Three Hours

**105. THEORY OF EQUATIONS**

Elementary theory of algebraic equations; determinants. (Given only on sufficient demand).

Prerequisite: 51.

Two Hours

**111. CALCULUS III**

More advanced topics in calculus and an introduction to ordinary differential equations.

Prerequisite: 77, 78.

Three Hours

**114. DIFFERENTIAL EQUATIONS**

Methods of solution of ordinary differential equations.

Prerequisite: 77, 78 with 111 recommended.

Three Hours

**170. ANALYTICAL MECHANICS**

An introduction to the methods of mathematical physics, statics, kinematics and dynamics of particles and rigid bodies; vectors. May also be applied on Physics major or minor.

Prerequisite: 114 and Physics 51-52.

Three Hours

### III

## SOCIAL SCIENCES

WILFRED J. AIREY, *Chairman*

CHARLES B. HIRSCH

RALPH L. KOORENNY

*History Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: History 1,2 and 91,92. Political Science 55,56 may not be counted on the major or the minor.

*History Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium. Required courses: either History 1,2 or History 91,92. Only 3 hours of History 141,142 may apply on a minor.

*Social Science Minor Requirements:* 18 hours, of which a minimum of 8 must be in the upper biennium. No history courses may apply on this minor. Persons anticipating graduate study in Social Service should plan to take a history major and minors in biology and social science.

### HISTORY

#### 1, 2. EUROPEAN CIVILIZATION

A study of the European origins of our present civilization. Six Hours

#### 91, 92. AMERICAN HISTORY AND INSTITUTIONS

The social, cultural, political, and constitutional development of the United States from the period of colonization to the present. This course fulfills the state requirement in American History and Constitution. Six Hours

#### 103. THE ANCIENT WORLD

The ancient kingdoms of the Near East, Egypt, and Greece, particularly as they relate to Bible history. Two Hours

#### 104. THE ROMAN WORLD

The Republic and Empire to the Fall of Rome. Two Hours

#### 107, 108 BRITISH CIVILIZATION\*

England and the Empire to the present. Four Hours

#### 111. THE AMERICAN WEST\*

The exploration and settlement of the American West. Statehood and progress in the western United States. Two Hours

#### 114. CALIFORNIA HISTORY\*

The history of California during the Spanish and American periods down to the present. Two Hours

#### 121,122. LATIN AMERICA\*

The colonial and the national periods. Four Hours

#### 125,126. EUROPE SINCE 1914\*

Europe from World War I to the present. Four Hours



- 141,142. HISTORY OF THE CHRISTIAN CHURCH  
The Christian Church, the Papacy, and the Protestant Churches.  
Six Hours
151. THE RENAISSANCE\*  
An intensive study of the economic, literary, and artistic developments of the period.  
Three Hours
154. THE REFORMATION\*  
The revolt against Rome and medievalism, and the rise of the Protestant Church.  
Three Hours
157. FRENCH REVOLUTION AND NAPOLEON  
The social and political forces of the era of revolution to 1815.  
Three Hours
158. NINETEENTH CENTURY EUROPE  
The States of Europe in the nineteenth century with emphasis on the rise of nationalism and the backgrounds for World War I.  
Three Hours
161. CIVIL WAR AND RECONSTRUCTION  
The causes for, campaigns of, and results of the Civil War. Two Hours
- 163,164. AMERICAN DIPLOMATIC HISTORY  
Developments in American diplomatic history from the Revolution to the present.  
Four Hours

### POLITICAL SCIENCE

- 55,56. UNITED STATES CONSTITUTION  
A study of the Federal Constitution with special emphasis on the constitutional convention, the resulting document, and the constitutional controversies arising from it. The second half of the course emphasizes constitutional interpretation regarding civil rights, religion, and labor and management.  
Four Hours
- 57,58. AMERICAN NATIONAL, STATE, AND LOCAL GOVERNMENTS\*  
The principles and problems of the national, state, and local governments in the United States.  
Four Hours
131. WORLD POLITICS  
A study of the forces and conflicts operating in international relations and world affairs with special attention given to the foreign policies of the great powers considered from the historical, political, and economic viewpoint.  
Three Hours
132. COMPARATIVE GOVERNMENTS  
A comparative study of the backgrounds, constitutional organization, and activities of the government of England, France, Germany, and Russia.  
Three Hours
- 167, 168. HISTORY OF POLITICAL THEORY\*  
A survey of the main currents in political philosophy from Plato to the seventeenth century; a critical analysis of the major political philosophers from the seventeenth century to the present time with emphasis on such topics of contemporary interest as the liberal democratic tradition, socialism, and communism.  
Four Hours
171. AMERICAN POLITICAL PARTIES\*  
An analysis of the organization, functions, and activities of political parties, primarily in the United States.  
Two Hours



## SOCIOLOGY

## 61. FUNDAMENTALS OF SOCIOLOGY

An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and the general relation of culture to society.

Three Hours

## 62. SOCIOLOGICAL PROBLEMS

A systematic treatment of the more important contemporary problems including juvenile delinquency, vice, alcoholism, and drug addiction, mental and physical deficiency, and other problems which may be especially prominent before our society at a particular period.

Prerequisite: 61.

Three Hours

## 174. HUMAN RELATIONS\*

A study of the ethics of human relationships, standards of community life, and the marriage-family system: its development, modern functions, characteristics, and maladjustments.

Two Hours

## ECONOMICS

## 1-2. PRINCIPLES OF ECONOMICS

A study of the agricultural and industrial organization of production; labor organizations; the money and credit system; national income analysis; economic policies; comparison of economic systems.

Six Hours

## 123. MONEY, BANKING, AND CREDIT\*\* (See Business section for description of course.)

Three Hours

## 140. CURRENT ECONOMIC PROBLEMS

The significance and application of principles to current social and economic problems.

Prerequisite: 1-2.

Three Hours

## 151. ELEMENTS OF STATISTICS\* (See Business section for description of course.)

Three Hours

## EDUCATION AND PSYCHOLOGY

## 5. GENERAL PSYCHOLOGY (See Education and Psychology section for description of course.)

Three Hours

## 103. AUDIO-VISUAL MATERIALS IN INSTRUCTION (See Education and Psychology section for description of course)

Two Hours

## 152. GUIDANCE AND PERSONNEL ADMINISTRATION (See Education and Psychology section for description of course.)

Two Hours

## 155. TESTS AND MEASUREMENTS (See Education and Psychology section for description of course.)

Three Hours

## GEOGRAPHY

## 52. PRINCIPLES OF GEOGRAPHY

The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship.

Three Hours

## IV EDUCATION

GEORGE T. SIMPSON, *Chairman*

H. EUGENE BATES  
MAUDIE BRYAN †  
ELMER J. DIGNEO

ANNA P. EDWARDSON  
MAYBEL JENSEN  
WILLIAM J. NAPIER

### EDUCATION AND PSYCHOLOGY

The Department of Education has as its major purpose the preparation of teachers for the elementary, junior academy, and secondary schools. The following courses provide for a selection by the student who is seeking to fulfill the general requirements for the major or minor in Elementary or Secondary Education as specifically stated for each department.

La Sierra College is accredited by the California State Board of Education to prepare candidates for the General Elementary Credential.

General Psychology 5 is a basic requirement to all education and psychology courses except 61 and 162.

#### 5. GENERAL PSYCHOLOGY

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major or minor.)

Three Hours

#### 61. PRINCIPLES OF EDUCATION

A survey of the basic principles of education.

Three Hours

#### 70. CHILD GROWTH AND DEVELOPMENT

A course planned to deal with a study of the mental, emotional, social, and physical development during the childhood.

Two Hours

#### 101. PSYCHOLOGY OF ADOLESCENCE

A course dealing with the most significant problems in adolescent development, with special emphasis upon the psychological principles that govern their behavior.

Two Hours

#### 103. AUDIO-VISUAL MATERIALS IN INSTRUCTION

A course designed to acquaint the student with the various audio-visual materials as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment.

Two Hours

#### 107. PERSONALITY AND MENTAL HYGIENE

A study of the constructive and preventive contributions of education to mental health and personal growth. Emphasis is placed on basic attitudes that influence behavior and on methods of working with these attitudes, individually and in groups, to develop more constructive behavior.

Two Hours

† On leave 1952 - 1953.

**114. EDUCATIONAL PSYCHOLOGY**

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. Three Hours

**150. GUIDANCE AND STUDENT PERSONNEL ADMINISTRATION**

A course devised to emphasize principles, methods, organization, and aims in the educational, vocational, and general guidance of students on the elementary and secondary level. Two Hours

**155. TESTS AND MEASUREMENTS**

A study of the principles of educational measurement together with the use, evaluation, and interpretation of standard tests as they pertain to the elementary and secondary grades. Three Hours

**156. SCHOOL ADMINISTRATION**

A study of the general administrative problems applicable to elementary, junior academy, and secondary school. Finance, public relations, guidance, personnel, curriculum development, and the supervision of extracurricular activities. Three Hours

**162. PHILOSOPHY AND HISTORY OF EDUCATION**

The philosophy and history of sacred and secular educational writings. Emphasis is given to the concepts of representative educational thinkers as their philosophy applies to modern educational thought. (Not open to students with credit in 61.) Three Hours

**172. CULTURAL RESOURCES AND EDUCATION**

A workshop concerned with the national resources which may be adapted for educational use. The course constitutes a professional cross-country field trip to the various locations of Americana of historical and literary interest and the evaluation of such resources for teaching. Summer session only (eight weeks). Six Hours

**199. EDUCATIONAL PROJECTS**

Open only to students in the field of education upon permission of the instructor. One-Two Hours

**ELEMENTARY TEACHER EDUCATION**

*Major Requirements:* 32 hours, of which a minimum of 15 must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree. Two minors are required for an Elementary Education major. Modern language is not required of students who select English as one of the required minors, and who present two units in the same modern language on the secondary level. Required courses: Education 51; 64; 65; 61 or 162; 70; 103; 114; 125, 126; 155 and directed teaching (55,56; 131,132; and 185,186), 8 hours. Cognate required courses should include credit in art, music, and other fields selected in consultation with the major adviser.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

**51. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL**

A course designed to give the prospective teacher a practical knowledge of the teaching process. Attention will be directed to problems associated with personnel, curriculum, management, organization, techniques of teaching, ethics, and community relationships.

Three Hours

## 52. ART EDUCATION\*

A study of the fundamental art principles as applied to the art of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (See Department of Art.)

Two-Three Hours

## 55, 56. TEACHING I

Observations, readings, and discussions of some of the various aspects of classroom situations, including storytelling, which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching.

Two Hours

## 63. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. (See Department of Music.)

Two Hours

## 64. ARITHMETIC IN THE ELEMENTARY SCHOOL

A course for teachers of arithmetic in the first eight grades. Attention is given to making arithmetic learning a meaningful experience. The student is required to make a grade of B in subject matter. Two Hours

## 65. READING IN THE ELEMENTARY SCHOOL

A study of the procedures used in teaching children to read in the elementary school. Emphasis will be given to reading readiness, beginning reading, independence in word recognition, and development of reading skills. Daily observation and participation in the Demonstration School provides an opportunity for the analysis of individual and group reading problems.

Two Hours

## 125, 126. ELEMENTARY SCHOOL CURRICULUM AND METHODS

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, English, spelling, handwriting, history, geography, and civics.

Four Hours

## 131, 132 TEACHING II

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor, and a directing teacher. No grade below a C is acceptable for credit in directed teaching. An average of C in all college work is required for admittance to and continuance of directed teaching.

Prerequisite: Satisfactory achievement in the standard school subjects.

Three Hours

## 185, 186. TEACHING III†

A study will be made of the entire elementary school program selection, organization and evaluation of curricular material and teaching procedures, including comprehensive teaching as part of the laboratory work.

One-Four Hours

† At least two hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.



## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the state or organization in which he expects certification. This includes a minimum of 15 hours in professional education. Four hours of directed teaching is required, either in the major or minor field.

## 165. PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and measuring their outcomes.

Two Hours

## 182. SPECIAL METHODS OF SECONDARY TEACHING

A study of the general methods and specific techniques which may be adapted to secondary teaching in the following areas:

Language Arts and Literature

Science and Mathematics

Religion and Social Sciences

Two Hours

Music (See Music 182.)

Typewriting and Shorthand (See Secretarial Science 182.)

Home Economics (See Home Economics 182.)

Wood Trades and Drafting (See Wood Trades and Drafting 182.)

Physical Education (See Physical Education 182.)

Speech (See Speech 182.)

## 189. OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL

A course in which the student teacher observes, participates in class activities, makes lesson plans, and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the college Department of Secondary Education.

Prerequisite: 165, 182.

Four Hours

## HEALTH AND PHYSICAL EDUCATION

In addition to courses being offered to meet the health and physical education requirements, a minor in health and physical education is available for both men and women interested in education, social work, or recreational vocations.

*Minor Requirements:* 20 hours, of which a minimum of 8 must be in the upper biennium. Required courses: 7,8 (or 55,56), 4 to 6 hours; 59; 62; 75; 171; 182; 5,6 Anatomy and Physiology.

## 5,6. ANATOMY AND PHYSIOLOGY (See Biology section for description of course.)

Six Hours

## 7, 8. PHYSICAL EDUCATION

A course adapted to the student's needs regarding personal health habits and worthy use of leisure time in individual and group activities. The course is sectionalized on the basis of various activities from which the student may choose.

One-Half Hour



**11,12. CORRECTIVE PHYSICAL EDUCATION**

Exercises for correcting minor functional and structural defects; emphasis on posture; importance of relaxation; health and posture problems. This course is designed as a substitute for 7,8 and 55,56 for those students whose physical activity is restricted. One-Two Hours

**15. MEDICAL CADET BASIC TRAINING**

A course intended to prepare young men to give acceptable service to their country along noncombatant lines. Basic elements of military drill and calisthenics. No credit granted until student has credit in 16 Medical Cadet Science. One-Half Hour

**16. MEDICAL CADET SCIENCE**

Study in organization of the medical department and basic fundamentals required of the medical soldier. Prerequisite: 15 or equivalent training. One Hour

**55, 56. PHYSICAL EDUCATION**

(P.E. 7, 8 continued). One-Half Hour

**59. HEALTH PRINCIPLES**

A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. Two Hours

**62. WATER SAFETY**

The study of personal safety and self-rescue followed by methods of rescue and resuscitation, including use of rescue equipment. Class time will be divided between classroom study and practice in the pool. Prerequisite: 7, 8 (Swimming). One Hour

**65. INDIVIDUAL ACTIVITIES**

Designed to promote interest and skill in recreational activities that will be useful in later life. One-Half Hour

**75. PRINCIPLES OF HEALTH AND PHYSICAL EDUCATION**

The principles underlying the educational procedures in the health and physical education program. Two Hours

**151. COMMUNITY RECREATION**

A course designed to fill the need for recreational leadership among our young people. Three Hours

**171. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION**

The organization and administration of the health and physical education program on the elementary and secondary levels. Prerequisite: 75. Three Hours

**182. SPECIAL METHODS IN PHYSICAL EDUCATION**

Prerequisite: Six hours Education. Two Hours

## NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of Bachelor of Science in Nursing Education with a minor in Biology, Social Science, or Secondary Education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited school of nursing. Nurses who have completed the prenursing curriculum may meet the requirements for a degree with approximately 42 semester hours additional work, according to the following schedule:

Preprofessional course	32 hours
Professional course (individually evaluated), a maximum of	54 hours
Additional courses to meet academic requirement for graduation	42 hours
Total	128 hours

In consultation with the faculty adviser, the student may select from the following courses recommended for the advanced professional curriculum:

Education and Social Sciences	6 - 18 hours
Educational Psychology	
Principles of Guidance	
Tests and Measurements	
Audio-Visual Materials in Instruction	
Philosophy and History of Education	
Economics	
American History (required)	
Sociology	
English and Speech	6 - 8 hours
Speech (2 hours required)	
Literature (4 hours required)	
Religion	4 - 5 hours
Science	6 - 9 hours
General Physiology (required for a minor in biology)	
Nursing Education	10 hours
Community Nursing and Community Resources	
Foundations of Nursing Education	
Ward Management and Teaching in a Head Nurse Unit	
Trends in Clinical Nursing	
Progressive Methods in Clinical Teaching	

*Major Requirements:* In addition to work taken in the school of nursing and the basic requirements for the Bachelor of Science degree, 10 semester hours are required in the field of Nursing Education.

#### 1. HISTORY OF NURSING

A study of the history of the growth of nursing from ancient times to the present. Emphasis is placed on modern professional problems.  
Three Hours

#### 105. FOUNDATIONS OF NURSING EDUCATION

A survey of the growth and development of nursing education from the past to the present time.  
Two Hours

#### 147. WARD MANAGEMENT AND TEACHING IN A HEAD NURSE UNIT

A study of the management of ward services. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management. Definite emphasis is given to ward teaching.  
Two Hours

#### 152. COMMUNITY NURSING AND COMMUNITY RESOURCES

This course is designed to familiarize the student with agencies engaged in the promotion of health.  
Two Hours

## 158. TRENDS IN CLINICAL NURSING

A study of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses. A careful survey is made of current developments in the various aspects of patient care.

Two Hours

## 160. PROGRESSIVE METHODS IN CLINICAL TEACHING

A survey of methods most effective in teaching the clinical courses in nursing. Evaluation of technique used in class and clinical practice will be a part of the class requirement. Taught on the Loma Linda Campus of the College of Medical Evangelists.

Two Hours

## PRENURSING

	Semester Hours	
	First	Second
Religion .....	2	2
Introductory Chemistry .....	3	3
Freshman English .....	3	3
Anatomy and Physiology .....	4	2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

# V

## LANGUAGE AND LITERATURE

THOMAS A. LITTLE, *Chairman*

MARGARETE AMBS

HELEN F. LITTLE

LILLIAN L. BEATTY

EDWARD NACHREINER

WALTER B. CRAWFORD †

MABEL CURTIS ROMANT

### ENGLISH

*Major Requirements:* 30 hours in addition to English 1-2, with a minimum of 15 in the upper biennium. Prescribed courses: English 51,52; 61,62; 105-106; and 197-198. 105-106 may be waived by credit in Journalism 55-56 or its equivalent, though only two of the hours of Journalism may apply as English. A related requirement, in addition to the basic history requirement, is a full-year course in British Civilization (107, 108).

*Minor Requirements:* 18 hours in addition to English 1-2, with a minimum of 8 in the upper biennium. Prescribed courses: English 51,52; 61,62; and 105-106. 105-106 may be waived by credit in Journalism 55-56 or its equivalent, though only two of the hours in Journalism may apply as English. A related requirement is a full-year course in either History 91,92 or 107,108.

#### OA FUNCTIONAL GRAMMAR AND LANGUAGE ELEMENTS

A concentrated non-credit review course prerequisite to English 1-2 for all students who do not pass the English Placement Test.

Fee: \$20.00.

No Credit

#### 1-2. FRESHMAN ENGLISH

1 Training in writing and reading.

2 An introduction to the study of literature, with further training in writing.

English 1-2 is prerequisite to any other course in English. Six Hours

#### 51,52. AMERICAN LITERATURE SURVEY

A study of the more important aspects of the history of American literature and of the typical work of the significant authors from the seventeenth century to about 1900.

Four Hours

#### 61,62. ENGLISH LITERATURE SURVEY

A study of the more important aspects of the history of English literature and of the typical work of the significant authors from Beowulf to about 1900.

Four Hours

#### 100. METHODS AND MATERIALS OF LITERARY CRITICISM\*

Explication and valuation of literary texts and study of the various principles of literary judgment.

Three Hours

#### 105-106. ADVANCED COMPOSITION

Advanced study of the principles of effective composition; practice in creative writing by types.

Four Hours

† On leave 1952 - 1953.



110. SURVEY OF LINGUISTICS AND GRAMMAR\*  
Divided between the history of the language and a study of current grammar. Not for those who need a course in basic grammar. Not applicable on the literature requirement for the Bachelor of Arts degree. Two Hours
- 113,114. WESTERN WORLD LITERATURE  
Reading and study of selected literary monuments of Western culture. The second semester carries no credit to English majors or minors or to others who have credit in English 62. Four Hours
- 151,152. AMERICAN LITERARY MASTERS  
Extensive study of selected major writers significant in American literary history. (Students who have had other courses in literature and are well prepared in American history are eligible for this course.) Four Hours
- 155-156. OLD AND MIDDLE ENGLISH  
The Old English is studied in translation. The Middle English, mostly Chaucer's works, is studied in the original. Six Hours
160. MILTON  
The works of John Milton, all of the poetry and the more significant prose studied in the light of the historical and literary setting. Two Hours
- 161,162. LITERATURE OF THE ENGLISH RENAISSANCE  
The first semester is devoted to the great non-dramatic poetry from 1500 to 1650. The second semester has to do with the prose of the same period.  
Prerequisite: 61. Four Hours
164. LITERATURE OF NEO-CLASSICISM\*  
Prerequisite: 61. Three Hours
166. THE ROMANTIC POETS\*  
Prerequisite: 62. Three Hours
168. THE VICTORIAN POETS\* Three Hours
170. THE ENGLISH BIBLE AS LITERATURE  
A study of the Bible as literary art among the world's supreme masterpieces. This course applies on the English major or minor but not on the first four hours of the general literature requirement for the Bachelor of Arts degree.  
Prerequisite: One semester of English or American literature. Two Hours
174. NINETEENTH CENTURY PROSE\* Two Hours
- 181,182. DRAMATIC LITERATURE  
A carefully selected sequence of dramatic classics from Aeschylus to Ibsen, studied to reveal their literary values and cultural attitudes. More than half the time is given to Shakespeare. Six Hours
- 197-198. ENGLISH MAJOR CONFERENCE  
An integrating group study required of English majors in the senior year and recommended to minors. Only majors and minors in the department are admitted. Two Hours

### JOURNALISM

*Minor Requirements:* 18 hours selected in conference with the minor adviser, 8 of which must be in the upper biennium. To qualify



for a minor in this field the student must have a broad cultural course in general college studies, including among his prescribed and elective courses History 91,92; Political Science 4 to 6 hours; Sociology 61 or Economics 1-2; Business 127-128; Secretarial Science 5,6 or 57,58; and one full year in each of American and English literature. A thorough mastery of English fundamentals is expected of all taking Journalism courses. Printing courses required for this minor: Printing 11 and 81,82. These printing courses will count on the total 18 hours required of Journalism minors.

#### 55-56. NEWS WRITING

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper style and technique.

Four Hours

#### 106. PUBLIC ADDRESS REPORTING

Specialized practice in reporting sermons, speeches, public meetings, and interviews according to good newspaper formulae. Enrollment restricted to those who have demonstrated proficiency in Journalism 55-56 (either semester).

Two Hours

#### 120. PRESS RELATIONS AND PUBLICITY TECHNIQUES

Lectures, readings, and directed observation and practice designed to familiarize the student—from the viewpoint of the newspaper as well as of the public relations office—with the problems of desirable reactions to honest and competent publicity.

Prerequisites: 55-56 and at least one other newspaper theory course, 149 recommended.

Two Hours

#### 125-126. COPY-DESK EDITING

A practice course for those who have shown competence in 55-56. The work involves laboratory projects in copy-reading, rewriting, head-writing, proofreading, make-up, and feature production.

Two Hours

#### 130. HISTORY AND ETHICS OF JOURNALISM

History of Journalism from about 1620 down to the present time with parallel attention to the principles that guide the best newspapers.

Two Hours

#### 141-142. FEATURE AND MAGAZINE ARTICLE WRITING

Practice in writing periodical articles and newspaper feature material on selected subjects; study of requirements for the press.

Four Hours

#### 149. NEWSPAPER PROBLEMS

A study of the policies and practices of the better weekly and small daily newspapers as to news content, editorials, advertising, circulation, costs. Part of the work will be in the form of research or experience in a newspaper plant of the type considered in the course.

Two Hours

### SPEECH

*Major Requirements:* 30 hours, of which 18 must be in the upper biennium. The required courses will be determined in conference with the major professor. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* 18 hours, of which 9 must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Brush Soundmirror tape recorder. The room is suggestive of a small auditorium.

52. VOICE AND DICTION

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue. Two Hours

55-56. FUNDAMENTALS OF SPEECH

The principles of correct speech are studied; attention is given to tone drills, articulation, and proper poise and use of the body in various speech situations. Four Hours

61. PUBLIC PROCEDURE

A study of the principles and practices of parliamentary law and usage. Each student is given practice in the conduct of business meetings. Two Hours

81,82. INDIVIDUAL SPEECH INSTRUCTION

A study of the correction of basic speech defects, and the formation of good, well-supported tones. One Hour

91,92. SPEECH CHOIR\*

Interpretation through choral speaking to develop greater appreciation of poetry and of many Biblical passages. The individual is trained in more accurate, distinct speaking habits. May not be audited. Two Hours

131. ORAL INTERPRETATION

A study of the oral interpretation of the best literary forms, with suggestions for public presentation in a unified and spontaneous response of body and voice. Three Hours

132. ORAL INTERPRETATION OF THE BIBLE

A consideration of the principles of effective oral Bible reading with practice in platform presentation. Three Hours

135, 136. RADIO SPEECH

The theory and practice of radio broadcasting with special emphasis upon radio diction and voice control. A public address system and recording machine make the work of the class practical. The first semester is prerequisite to the second.

Prerequisite: Speech 52 or 55-56.

Four Hours

139. PRINCIPLES OF DISCUSSION

A study of the fundamental principles of argumentation and the theory and practice of various techniques of discussion, including the forum, panel, and round table. Three Hours

142. PERSUASIVE SPEAKING

The art of persuasion and its influence upon behavior, the basic factors involved, and the avenues of motivation are studied. Three Hours

151,152. ADVANCED PUBLIC ADDRESS\*

The composition and delivery of public addresses. Effective extemporaneous speaking and techniques for influencing human behavior through speech. Six Hours

171. SENIOR RECITAL

The presentation of an acceptable public recital of one hour in length, or participation in a senior public recital. One-Two Hours

**182. METHODS IN SPEECH EDUCATION**

A discussion of methods and aims of speech training in the grades, in secondary schools, and in colleges. Limited to upper biennium speech majors and minors.

Two Hours

**185,186. ADVANCED INDIVIDUAL SPEECH INSTRUCTION**

Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. One or two lessons a week as arranged. Time by appointment. (A maximum of two hours of credit in Individual Speech Instruction can be applied on a Speech major or minor.)

One-Two Hours

**LIBRARY SCIENCE****57-58. LIBRARY SCIENCE**

Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, classification, cataloging, bibliography, the use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and one three-hour laboratory period per week or equivalent. The course has general value and is open to any college student.

Four Hours

**MODERN LANGUAGES**

Before enrolling in a Modern Language course numbered 100 or above, a student must have completed 12 to 14 hours, or the equivalent, of one language. Education 182 and 189 are recommended for students planning to teach a language.

**FRENCH**

*Major Requirements:* 30 hours in addition to French 3-4 or the equivalent, of which a minimum of 20 must be in the upper biennium. The latter must include 131, 155, 156, and at least 11 hours of literature English 61,62 is recommended.

*Minor Requirements:* 18 hours above the beginning course, or its equivalent, of which a minimum of 9 must be in the upper biennium.

**3-4. BEGINNING FRENCH**

An introductory study of grammar, pronunciation, reading, composition, with oral practice.

Eight Hours

**53-54. INTERMEDIATE FRENCH**

A continuation of 3-4. A review of grammar with readings from French authors. Prerequisite for 155, 156.

Prerequisite: 3-4 or equivalent.

Six Hours

**57,58. READING OF FRENCH MASTERPIECES**

Reading and discussion of selected works in French literature. May be taken concurrently with 53-54.

Four Hours

**101,102. VOCABULARY BUILDING**

Designed to enlarge the student's vocabulary, mainly through oral use.

Four Hours

**123,124. OUTLINE HISTORY OF FRENCH LITERATURE\***

Literary landmarks from La Chanson de Roland to the 19th century. Special stress on the 17th century.

Six Hours

131. **PRONUNCIATION**  
A thorough study of the fundamental principles of French pronunciation.  
Two Hours
141. **ROMANTICISM\***  
A study of French literature from 1800 to 1850 with stress on Lamartine, Vigny, Hugo, and Musset.  
Two Hours
142. **MODERN FRENCH WRITERS\***  
French literature from 1850 to 1900.  
Two Hours
- 151, 152. **CONTEMPORARY WRITERS**  
A study of selected authors of the latter part of the 19th century and the beginning of the 20th.  
Six Hours
- 155, 156. **ADVANCED COMPOSITION**  
Further study of grammar and idiomatic expressions with translations of literary works from English into French. Both semesters are required of majors and are recommended for minors.  
Prerequisite: 53-54.  
Four Hours

### SPANISH

*Minor Requirements:* 18 hours above the beginning course or its equivalent, of which a minimum of 9 must be in the upper biennium.

- 5-6. **BEGINNING SPANISH †**  
Essentials of Spanish grammar; a systematic training in pronunciation, conversation, and reading.  
Eight Hours
- 61-62. **INTERMEDIATE SPANISH**  
A continuation of 5-6. Grammar review, oral practice; readings from Spanish and Hispanic American authors.  
Prerequisite: 5-6 or the equivalent.  
Six Hours
- 67, 68. **READING OF SPANISH AUTHORS**  
Four Hours
131. **ADVANCED COMPOSITION AND CONVERSATION**  
Recommended for teaching minors.  
Two Hours
132. **ADVANCED GRAMMAR AND COMPOSITION**  
Recommended for teaching minors.  
Two Hours
- 145, 146. **OUTLINE HISTORY OF SPANISH LITERATURE**  
Literary landmarks from the Middle Ages through the contemporary period with emphasis on the authors of the Golden Age and of the nineteenth century.  
Six Hours
149. **SPANISH CIVILIZATION\***  
A survey of the physical, racial, historical, and artistic elements which have influenced and molded Spanish civilization and culture, and their influence on the cultures of the world.  
Two Hours
- 161, 162. **HISPANIC AMERICAN LITERATURE\***  
A survey of the trends in Hispanic American literature from its beginnings to contemporary times with emphasis on Dario, Bello, Palma, and others.  
Four Hours

† Offered in summer session only.



## GERMAN

*Minor Requirements:* 18 hours above the beginning course or its equivalent, of which a minimum of 9 must be in the upper biennium.

## 7-8. BEGINNING GERMAN

A study of the fundamentals of grammar, drills in verbs and pronunciation, reading of simple prose. Eight Hours

## 65-66. INTERMEDIATE GERMAN

A review of grammar with special emphasis on idioms; reading of German prose to furnish a background of life, culture, and geographical aspects of Germany.

Prerequisite: 7-8 or equivalent.

Six Hours

## 105. SCIENTIFIC GERMAN

A course especially intended for students who plan to enter the field of science or medicine. A grammatical analysis from the standpoint of peculiarities of scientific German. Readings to acquaint the student of science or medicine with vocabulary, style, and subject matter in his field.

Three Hours

## 107. GERMAN CONVERSATION

Intensive practice in German pronunciation; stresses fluent and correct use of vernacular conversation based upon everyday life and events.

Two Hours

## 108. GERMAN PROSE COMPOSITION

A brief review of grammar; practice in writing prose compositions of various types.

Two Hours

## 135,136. OUTLINE HISTORY OF GERMAN LITERATURE\*

A study of the main currents of German Literature from the early beginnings to the present time. Readings, based on a German text, include selections of the easier masterpieces of representative authors of the periods studied.

Six Hours

## 162. GERMAN KULTURKUNDE

A study of German culture and civilization as reflected in German art, literature, philosophy, and religion.

Two Hours

## 165. THE GERMAN CLASSICAL PERIOD

A detailed study of some of the works of Goethe, Schiller, Lessing, and contemporaries of the period.

Two Hours



## VI

# MUSIC AND ART

HAROLD B. HANNUM, *Chairman*

H. ALLEN CRAW

EDNA S. FARNSWORTH

WERNER GERLACH

JOHN T. HAMILTON

CHLOE ADAMS SOFSKY

ALFRED WALTERS

ROBERT WARNER

### MUSIC

*Major Requirements:* 40 hours, of which a minimum of 15 must be in upper biennium courses. The distribution must be as follows: Theory, 16 hours; Music History and Literature, 8 hours; Applied Music (voice or one instrument), 8 hours; electives from Theory, Music History and Literature, or Applied Music, 8 hours.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium, the distribution to be as follows: Theory, 6 hours; Music History and Literature, 8 hours; electives, 4 hours.

*Minor Requirements for Theology Students:* Theory, 6 hours; Music 113,114; Voice, Choral Organizations and Conducting, 8 hours.

*Bachelor of Music Education:* The curriculum leading to the degree Bachelor of Music Education is offered for those interested in the field of music teaching. This course gives a student concentration (24 hours) in one field of applied music with supplementary instruction in the remaining fields of applied music. Emphasis is given to the technique and practice of teaching music. A 40-48 hour requirement in general college courses provides a basis for general culture.

### OUTLINE FOR BACHELOR OF MUSIC EDUCATION DEGREE

#### I. General Culture — 40 hours

Religion — 12-14 hours (4 hours upper division)

Freshman English — 6 hours

History — 8 hours

Science — 6 hours

Health — 4 hours

Electives — 2-4 hours

#### II. Musicianship — 32 hours

Theory I and II — 12 hours

History of Music — 4 hours (U. D.)

Music Form and Analysis — 4 hours (U. D.)

Counterpoint — 4 hours (U. D.)

Music Composition or Orchestration — 4 hours (U. D.)

Organizations † — 2 hours (U. D.)

Advanced Conducting — 2 hours (U. D.)

† Students taking this curriculum are required to join the organization of their applied music field.

## III. Performance — 30 hours

Instrument or Voice — 24 hours

Secondary Applied Music — 6 hours

## IV. Minor in Education — 18 hours

## V. Electives — 8 hours

It is recommended that these electives be taken in liberal arts courses.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a Bachelor of Arts degree.

Courses which may apply on a major in music, A.B. degree: *Applied Music*: 21,22; 55,56; 121,122; 155,156; 159; 190; *Theory*: 5,6; 51,52; 101; 104; 107,108; 117,118; 124; *Music History and Literature*: 63,64; 111,112; 113,114; 161,162; 199.

Courses which may apply on a minor in music, A.B. degree: Same as for the major.

Courses which may apply on a minor in music for Theology students: *Applied Music*: 21,22; 55,56; 121,122; 155,156; 159; 190; *Theory*: 5,6; 51,52; 101; 104; 107,108; 117,118; 124; *Music History and Literature*: 63,64; 111,112; 113,114; 161,162; 199; *Conducting*: 60; 132; *Organizations*: 73,74; 77,78; 177,178.

All courses in the department except 15,16 and 1 may be counted toward the Bachelor of Music Education degree.

The Fine Arts requirement of four hours toward the A. B. degree may be met in the department of music by any of the following courses: 63,64; 65; 111,112; 113,114; 115; 161,162.

## APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, and orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

## 1. One or two half-hour lessons a week.

(Students desiring more than one hour of credit per semester must take two half-hour lessons a week. Students taking one half-hour lesson a week are expected to take a minimum of 15 lessons per semester; and those taking two half-hour lessons a week are expected to take a minimum of 30 lessons per semester.)

## 2. Three hours of practice per week for each hour of credit.

## 3. A passing grade in a satisfactory semester examination.

## 4. Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The maximum amount of credit in applied music allowed on the Bachelor or Arts degree for non-music majors is 8 hours; for music majors taking the Bachelor of Arts degree, 16 hours.

Students pursuing the Bachelor of Music Education degree are required to take two lessons a week in their major field of applied music.

Students in applied music must secure the approval of their instructor before performing in public.

At the semester examinations in applied music, each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Applied music courses may be repeated for credit until the maximum of eight hours is reached. Students must satisfy their teacher and examiners as to the extent of repertoire covered.

Students majoring in music (8-16 hours of applied music) are expected to complete the level of attainment of the applied music courses 21,22 and 55,56.

Students fulfilling the requirements for the Bachelor of Music Education degree are expected to complete the level of attainment of the applied music courses 21,22; 55,56; and 121,122.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 15,16. PREPARATORY APPLIED MUSIC

Credit in this course may not be applied on a major or minor in music or on the applied music requirement of the Bachelor of Music Education degree. It may apply toward college elective requirements.

One-Four Hours

#### 21,22. APPLIED MUSIC (First Year)

One-Eight Hours

#### 55,56. APPLIED MUSIC (Second Year)

One-Eight Hours

#### 91,92. STRING INSTRUMENT CLASS

A study of the string instruments of the orchestra to give students an understanding of the basic elementary technique of each.

Two Hours

#### 93,94. WOODWIND INSTRUMENT CLASS

An introductory study of the orchestral woodwind instruments.

Two Hours

#### 95,96. BRASS INSTRUMENT AND PERCUSSION CLASS

An introductory study of the orchestral brass and percussion instruments.

Two Hours

#### 121,122. APPLIED MUSIC (Third Year)

One-Eight Hours

#### 155,156. APPLIED MUSIC (Fourth Year)

One-Eight Hours

#### 159. REPERTOIRE CLASS

One Hour

#### 190. SENIOR RECITAL

The presentation of a creditable public recital approved by the music faculty.

One-Two Hours

## THEORY

## 1. ELEMENTS OF MUSIC

The study of the rudiments of music, diction, sight-singing and ear-training. Primarily for students without any previous music training. This course may count only as a college elective and may not be counted on a major or a minor or toward the Bachelor of Music Education requirements.

Two Hours

## 5,6. THEORY I

A thorough study of the fundamentals of musicianship—chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week.

Six Hours

## 51,52. THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week.

Six Hours

## 101. MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms.

Prerequisite: 5,6.

Two Hours

## 104. ANALYTICAL HARMONY

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages.

Prerequisite: 5,6.

Two Hours

## 107,108. COUNTERPOINT

A study of the polyphonic styles of the 16th and 18th centuries, with practice in writing two and three part motets and inventions.

Prerequisite: 5,6.

Four Hours

## 117,118. MUSIC COMPOSITION

Practice in writing original compositions in the smaller forms.

Prerequisites: 5,6; 51,52.

Four Hours

## 124. ORCHESTRATION

A study of the instruments of the orchestra; arranging music for the orchestra.

Prerequisites: 5,6; 51,52.

Two Hours

## MUSIC HISTORY AND LITERATURE

## 63,64. MUSIC LITERATURE

A survey of significant music and musicians, with emphasis upon the period from Bach to the present to develop an understanding of the music being performed today. Directed listening to recordings.

Four Hours

## 65. MUSIC LITERATURE

Offered by extension only.

Three Hours

## 111, 112. HISTORY OF MUSIC

A chronological study of the various periods in the development of music from the earliest times to the present. It is desirable that students have an elementary knowledge of theory and music fundamentals before enrolling in this course.

Four Hours



## 113,114. HISTORY OF CHURCH MUSIC

A study of music and its relation to the church from the time of Hebrew music to the present. Emphasis upon hymns and hymn-tunes and the place of music in worship. Four Hours

## 115. HISTORY OF MUSIC

Offered by extension only. Three Hours

## 161,162. AESTHETICS

A basic course in the principles of beauty which are fundamental to an understanding of all the arts. Four Hours

## 199. ADVANCED MUSIC PROJECTS

One-Two Hours

## CONDUCTING

## 60. ELEMENTARY CONDUCTING

Fundamental rules and practice in conducting congregational singing. The practical use of music in the church and in evangelism. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

## 132. ADVANCED CONDUCTING

A review of the principles of conducting. *Section 1:* The materials and methods in organizing and conducting choral organizations. *Section 2:* The materials and methods of organizing and conducting bands and orchestras and instrumental ensembles. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

## MUSIC EDUCATION

## 67. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

(May be counted only toward a Bachelor of Music Education degree, or as a college elective. See Education section for description of course.) Two Hours

## 182. TEACHING MUSIC IN THE SECONDARY SCHOOL

A study of the materials and methods of teaching music in secondary schools. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

## 191. MUSIC MATERIALS AND TECHNIQUES

A survey of the best materials and methods of teaching applied music, piano, voice, or violin, or directing choral or instrumental organizations. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

## ORGANIZATIONS

## 71,72. BAND

A vital factor contributing to the spirit of the College is the College Band. Membership is open to all students of band instruments. A limited number of college-owned instruments can be rented each semester on application. Concerts are given each year. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.) Two Hours



**73,74. THE COLLEGE CHOIR**

A highly selective ensemble of seventy-five members, balanced for four- and eight-part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

**75,76. ORCHESTRA**

This organization, besides being a valuable aid to developing a sense of time and musicianship, offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.) Two Hours

**77,78. ENSEMBLE MUSIC**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.) Credit to be arranged

**177,178. ENSEMBLE MUSIC**

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.) Credit to be arranged

## VISUAL ARTS

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Art appreciation, 4 hours, and Senior Project, 2 hours.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. Required course: Art appreciation, 4 hours.

## DRAWING AND PAINTING

**51. LETTERING**

Lectures, laboratory assignments in single stroke Roman, English Text, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours

**52. ART EDUCATION\***

A study of the fundamental art principles as applied to the needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (May not be applied on a major or minor in Art.) Two-Three Hours

**53. DESIGN**

A study of the basic art elements and their function in the composition. Laboratory assignments with definite application of the principles studied. One-Two Hours

55. **FUNDAMENTALS OF DRAWING AND PAINTING**  
A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One-Six Hours
57. **CERAMICS**  
Modeling and glazing of simple pottery forms. One-Four Hours
61. **SCULPTURE**  
Modeling or carving in various media. One-Six Hours
101. **COMMERCIAL ART AND ILLUSTRATION**  
Layout and design for book illustrations and advertising.  
Prerequisite: 50. Two-Four Hours
103. **PAINTING**  
Landscape, still-life, or portrait painting in oil or water color. One-Six Hours
105. **SCULPTURE**  
A study of the basic art elements as applied to sculpture. Modeling and casting in various media. One-Four Hours
107. **DESIGN**  
A study of the art elements and their application to abstract design. One-Two Hours
- 199 **SENIOR PROJECT**  
A mural or a series of paintings, or a special project in ceramics, planned for the senior student majoring in Art. This project must exhibit an acceptable degree of technical facility and creative power. Two Hours

#### ART APPRECIATION

- 55,56. **ART INTERPRETATION**  
A study of the fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours
- 117,118. **HISTORY OF ART**  
A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present. Four Hours

## VII

### APPLIED ARTS

FRANK JUDSON, *Chairman*

D. CECIL BARR

A. L. TOEWS

H. RUSSELL EMMERSON †

### HOME ECONOMICS

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. A Bachelor of Science degree is offered for those desiring a professional curriculum. For this degree the following subjects should be included. Chemistry 1-2, 50, 115-116; Biology 5,6, 8; Chemistry 134 is highly recommended. A Bachelor of Arts degree may be chosen in counsel with the major professor following the pattern of the regular Bachelor of Arts degree.

*Minor Requirements:* 18 hours, of which not less than 6 must be in the upper biennium. Required courses: Home Economics 7-8, 51, 98, 193.

#### 7-8. FOODS AND COOKERY

A study of foods and their nutritive values, basic cookery, simple meal planning and marketing. Two class periods with a three-hour laboratory each week.

Six Hours

#### 51. CLOTHING CONSTRUCTION AND SELECTION I

This course covers the fundamental techniques of garment selection, construction, fitting, and use of commercial patterns with simple problems in original design. One class period with two three-hour laboratories each week.

Three Hours

#### 54. CLOTHING CONSTRUCTION AND SELECTION II

A study of factors essential to intelligent selection of textiles, materials for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health, and economy. One class period with two three-hour laboratories each week.

Three Hours

#### 57. COSTUME DESIGNING

Problems in original design with emphasis on selection of line, color, and texture appropriate to individual types and occasions. Alternate years.

Two Hours

#### 60. MEAL PLANNING AND TABLE SERVICE

Instruction and laboratory practice in the planning, preparation, and serving of meals. Study is also made of special occasions.

Prerequisite: 8.

Two Hours

#### 65. HOME ECONOMICS FOR MEN

For nonmajors. A general course giving some of the basic principles of cookery. Food selection, clothing construction and repair, color harmony, and consumer buying.

Four Hours

† On leave 1952-1953.

**98. HOME FURNISHINGS**

A study of principles governing the selection and arrangement of furniture, fabrics, and accessories appropriate for various types of homes. Instruction in the use of color combinations and art elements. A brief survey of the history of furnishings showing contributions of the past and of different cultures.

Three Hours

**101. NUTRITION**

A scientific study of the nutritive essentials. Included are the basic principles of the chemistry of foods and nutrition, the biological value of food, and man's requirements at the various age levels.

Prerequisite: Chemistry 1-2 or 5-6.

Three Hours

**110. TAILORING**

This course comprises a study of the technique of ladies' tailoring and fitting. One class period with a three-hour laboratory each week.

Prerequisite: 51.

Two Hours

**115. EXPERIMENTAL FOODS**

A study of the effect of various methods of cooking upon the nutritive value, palatability, and economy of food products. One class period with a three-hour laboratory each week.

Two Hours

**153-154. COMMUNITY PROBLEMS IN NUTRITION**

The study and practice of presenting nutrition principles to the community through various avenues of contact. Individual and group field projects in a nutrition-health program.

Prerequisites: 7-8, 101.

Four Hours

**161. INSTITUTIONAL MANAGEMENT**

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing, and service.

Two Hours

**166. CHILD NUTRITION AND CARE**

A study of the nutrition of the child from early prenatal life through adolescence. Consideration is given the care of the infant and home training of the child.

Two Hours

**176. QUANTITY COOKERY**

The study of preparation and service of food in large quantity. Laboratory work by appointment in the kitchen and dining room.

Two Hours

**182. METHODS OF TEACHING HOME ECONOMICS**

This is a study of methods, procedures and organization of courses for home economics with particular emphasis on the secondary level. No laboratory.

Two Hours

**184. NUTRITION IN DISEASE**

A study of the normal diet with modifications necessary in pathological conditions.

Prerequisite: 101.

Three Hours

**193. HOME MANAGEMENT**

The study of the fundamental principles of the Christian home, the interrelationship of family members, selection, care, use, and arrangement of household equipment.

Three Hours

**195. HOME MANAGEMENT LABORATORY**

An application of the principles of home management. The student has an opportunity to live in the Cottage under supervision for six to eight weeks. Two-hour weekly conferences with the instructor will be arranged.

Prerequisite: 193. (May be taken concurrently).

Three Hours



## B.S. IN INDUSTRIAL ARTS

*Major Requirements:* 40 hours, of which a minimum of 15 must be in the upper biennium. 24 hours may be taken in either Wood Trades and Drafting, or Agriculture. The remaining 16 hours must be taken in a cognate field in counsel with the Dean and the department head. Other required courses: Introductory College Mathematics, Mathematical Preparation for Physical Science, and General Physics.

*Minor Requirements:* See Wood Trades and Drafting or Agriculture.

## AGRICULTURE

*Major Requirements:* 40 hours, of which a minimum of 18 must be in the upper biennium. Required courses: Agriculture 7, 11, 55, and 188. A degree of proficiency in applied agriculture in at least two fields of production being demonstrated in the college farm program; and the following cognate courses are also required: Chemistry 1-2, or 5-6, Biology 11, 15, 16; Math 5, 8. It is recommended that the field of minor study be religion, chemistry, or biology.

*Minor Requirements:* 18 hours, of which a minimum of 8 must be in the upper biennium.

## AGRONOMY

## 11. FIELD CROPS

A study of the distribution, cultural methods and economic importance of the leading farm crops. Two Hours

## 55. SOILS

A course dealing with the genesis, physical and chemical properties, aeration, water movement, and classification of the soil.

Prerequisite: Chemistry 1-2 or 5-6. Two Hours

## 108. FORAGE CROPS

A course designed to acquaint the livestock farmer with the latest available information dealing with the production of alfalfa, Sudan grass, etc., as well as those crops common to our pastures and ranges.

Prerequisite: 11 or 55. Two Hours

## 133. SOIL MANAGEMENT

A course dealing with rotation, drainage, green-manure practices, and nutrient requirements of crops. Emphasis is placed on soil conservation.

Prerequisite: 55. Three Hours

## 138. IRRIGATION\*

A specialized course for those planning to locate in the Southwest. Water supply and methods of use and the influence on the water table are considered. Two lectures each week. Laboratory period arranged.

Prerequisite: 55; Math 5, 8. Two Hours

## HORTICULTURE

## 7. VEGETABLE GARDENING

A study of the types of vegetable gardening. Emphasis is placed on varieties and cultural methods of common vegetables. Two Hours



**9. APPLIED VEGETABLE GARDENING**

A practical continuation of the material studied in 7. Two laboratory periods each week.

Prerequisite: 7.

Two Hours

**67. HOME FRUIT PRODUCTION**

Recommended practices in the growing of grapes, strawberries, and bush and tree fruits for home and market are thoroughly surveyed.

Two Hours

**160. COMMERCIAL FRUIT PRODUCTION**

Location, planting, soil management, pruning, spraying, packing and marketing of deciduous and evergreen tree fruit production are studied. Emphasis is placed on the growing of fruits as a business. Appropriate laboratory work arranged.

Three Hours

**LIVESTOCK AND COGNATE COURSES****27. POULTRY HUSBANDRY\***

A general course dealing with the practical phases of the poultry industry.

Two Hours

**51. DAIRY HUSBANDRY**

A general study of the economic advantages, selecting, breeding, feeding and management of dairy cattle.

Three Hours

**61. POULTRY BROODING**

A laboratory course in which the student has full responsibility for the care of a hatching of chicks during the first six weeks of life. Open to only a limited number of students each year.

Prerequisite: 27.

Two Hours

**81. ANIMAL HUSBANDRY**

Development, care, use, and marketing of beef and dairy cattle, sheep, horses, mules, etc.

Three Hours

**106. POULTRY MANAGEMENT**

Ten lectures dealing with the problems of poultry management. Required laboratory work includes formulating and purchasing of poultry feeds, culling, feeding, and a study of records of costs of production.

Prerequisite: 27.

Two Hours

**112. ANIMAL NUTRITION\*\***

A study of the fundamental needs and practices in animal nutrition.

Two Hours

**126. SANITARY BACTERIOLOGY (See Biology section for description of course.)**

Three Hours

**178. DAIRY PLANT OPERATION\***

A course of study planned to train the student with the processing and manufacture of butter, ice cream, and other dairy products. Students successfully completing the course should have no difficulty passing the state examination and becoming a licensed plant operator. Two lectures, one laboratory each week.

Prerequisite: Biology 56. Recommended: Biology 126.

Three Hours

**GENERAL WORKS****13-14. FUNDAMENTALS OF BUILDING CONSTRUCTION (See Wood Trades and Drafting for description of course.)**

Four Hours

**73. FARM MACHINERY**

Selection, operation, and use of common farm implements. Two lectures, one laboratory each week. Three Hours

**84. TRUCK AND TRACTOR MECHANICS**

Fundamentals of internal combustion; maintaining and repairing of farm engines. Two lectures, one laboratory each week. Three Hours

**171. AGRICULTURE ECONOMICS**

A course to aid the student in evaluating data, coordinating the farm activities with the business world, and applying economic principles to the farm operation. Two Hours

**188. FARM MANAGEMENT\*\***

The organization of farm enterprises and production units. Farm records and cost accounts.

Prerequisite: Minimum of six hours of lower biennium Agriculture. Two Hours

**PRINTING**

*Minor Requirements:* 18 hours, of which a minimum of 4 must be in the upper biennium, and a degree of proficiency in applied printing as evidenced by working in a printing plant, preferably the College Press.

**11,12. TYPOGRAPHY I**

A study of the basic principles of typography, straight-matter composition, simple display jobs, proofing, care of type and materials, and platen presswork. One class period and one three-hour laboratory period each week. Four Hours

**65, 66. TYPOGRAPHY II**

Study and practice of the principles of hand and machine display and layout of office forms, booklets, publications, and presswork. Two class periods and one three-hour laboratory each week.

Prerequisite: 11,12 or equivalent. Six Hours

**81,82. LINOTYPE OPERATION I**

Keyboard practice and operation of a linotype—setting of straight matter, small caps, and italics. Instruction is given in the basic care and mechanics of the linotype. One class period and one three-hour laboratory each week.

Prerequisite: 11,12 or equivalent. Four Hours

**112,113. LINOTYPE OPERATION II**

Advanced work in the operation of a linotype machine on straight matter and job work. One class period and one three-hour laboratory each week.

Prerequisite: 81,82 or equivalent. Four Hours

**WOOD TRADES AND DRAFTING**

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium.

**11-12. FUNDAMENTALS OF BUILDING CONSTRUCTION**

Fundamental study of construction methods. Scale construction from blue prints. One hour of theory and three hours of laboratory each week. Four Hours

**27-28. FURNITURE CONSTRUCTION**

Study of tools, machines, joints, glues, decoration, finishing, and wood. These processes are applied practically in the construction of useful furniture. One hour of theory and three hours of laboratory each week. **Four Hours**

**42,43. ENGINEERING DRAFTING**

A course covering use of instruments, lettering, geometric construction, orthographic and pictorial projection, auxiliary, assembly, welding, and development. One hour of theory and three hours of laboratory each week. **Four Hours**

**57,58. ARCHITECTURAL DRAFTING**

Fundamentals of drafting, with complete plans for floor, foundation, joist framing, roof, and plot as well as four elevations (first semester); cabinet plans, heating, electrical, and plumbing plans, and a scale model (second semester). One hour of theory and three hours of laboratory each week. **Four Hours**

**61,62. MANUAL ARTS**

A course in wood turning, metal spinning, art metal, plastics, and lapidary work. Four two hours credit, one hour of theory and three hours of laboratory each week. **Two-Six Hours**

**151-152. ADVANCED BUILDING CONSTRUCTION**

Elements of finishing and on-the-job cabinet work. One hour of theory and three hours of laboratory each week. **Four Hours**  
Prerequisite: 11-12.

**156. CREATIVE DESIGN**

Designing of furniture, etc., to full scale and construction of the article. One hour of theory and three hours of laboratory each week. **Two Hours**  
Prerequisite: 27 or 57.

**158. UPHOLSTERED FURNITURE**

Designing, building, upholstering, and re-upholstering of furniture. One hour of theory and three hours of laboratory each week. (Non-credit students may take this course by permission of the instructor.) **Two Hours**  
Prerequisite: 27 or 28 or equivalent.

**182. MATERIALS AND METHODS\***

A course designed for those interested in teaching industrial arts and vocational subjects. A study of general shop organization, job analysis, outline of instructions, instruction sheets, reference sheets, job sheets, and related methods of instruction. **Two Hours**  
Prerequisite: 4 hours in vocational subjects.

**192. MATERIALS OF CONSTRUCTION**

Study materials, their elements, appropriateness, and efficiency. **Three Hours**  
Prerequisite: Some building experience or 11-12.

**MISCELLANEOUS****15. RADIO I**

An elementary study of radio circuits and the application of vacuum tubes to such circuits. Two hours of theory and three hours laboratory per week. **Three Hours**

**16. RADIO II**

A study of the radio station: receivers, transmitters and antenna systems. Laboratory includes the actual construction and testing of a radio receiver, audio amplifier or similar electronic equipment. Two hours theory and three hours laboratory per week. **Three Hours**  
Prerequisite: 15 or equivalent.

21. PHYSICS OF FLIGHT (See Physics section for description of course.)  
Two Hours
26. AERIAL NAVIGATION  
Chart reading; the basic wind triangle; special problems of navigation by dead reckoning; use of radio navigation facilities. Two Hours
57. ELEMENTARY PHOTOGRAPHY  
A beginning course in photography. One hour theory and three hours laboratory per week. Two Hours



## VIII

# BUSINESS AND SECRETARIAL SCIENCE

RALPH L. KOORENNY, *Chairman*

KARL F. AMBS

CLARENCE LAUE

AILEEN DIXON

LOIS E. MCKEE

IRENE E. ORTNER

## BUSINESS

*Major Requirements:* 38 hours, of which a minimum of 19 must be in the upper biennium. Required courses: Business 5,6; 53,54; 56; 123; 145; 148; Economics 1-2. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Secretarial Science 53; and 5,6 or equivalent. Six hours upper biennium Secretarial Science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium.

1-2. PRINCIPLES OF ECONOMICS (See Social Sciences section for description of course.) Six Hours

5,6. PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques are studied in text material, class discussion, and laboratory practice. Two hours lecture and three hours laboratory each week. Six Hours

51. ACCOUNTING FUNDAMENTALS

Theory and practice of accounting, personal financial records, church accounting records, analysis of institutional and conference financial statements. Designed especially for ministerial students. Two Hours

53,54. INTERMEDIATE ACCOUNTING

Intensive study of end-of-period procedure, analysis of financial statements, accounting implications of corporate organization. Basic accounting theory underlying presentation of current and fixed assets, liabilities, and net worth. Four Hours

56. BUSINESS LAW

The general principles of law governing contracts, with special emphasis on negotiable instruments, agency, buying and selling transactions, real estate transactions, and insurance. Three Hours

61. MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine.

Prerequisites: 5,6 and Secretarial Science 53.

One Hour

123. MONEY, BANKING, AND CREDIT\*\*

The banking system of the United States and its functions. The monetary system; credit and its functions. The relationship of banking, money, and credit to business.

Prerequisite: Economics 1-2.

Three Hours



**127-128. ADVERTISING\***

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising. Four Hours

**131,132. MARKETING\***

The study of the distributive process from the producer to the consumer. Buying motives, channels of distribution, cost of distribution, and the functional approach to the various middlemen in the distributive process.

Prerequisite: Economics 1-2; first semester is prerequisite to the second. Four Hours

**141. CURRENT ECONOMICS PROBLEMS** (See Social Sciences section: Economics, for description of course.) Three Hours**145. COST ACCOUNTING\*\***

Techniques of accounting for materials, labor, and overhead. Interpretation of the elements of cost to management as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 51,52. Two Hours

**148. ACCOUNTING SYSTEMS**

The study of various accounting systems; methods of organizing accounting operations; includes a study of the organization of denominational finance and administration. Two Hours

**172. BUSINESS FINANCE**

Financial problems of business organization; launching of an enterprise; sources of capital; principles of borrowing; relation of finance to the business cycle; distribution of earnings; reorganization.

Prerequisite: 5,6. Three Hours

**188. ELEMENTS OF STATISTICS\***

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education. Three Hours

**SECRETARIAL SCIENCE**

*Major Requirements:* 34 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Secretarial Science 57,58; 63,64; 14; 53; 70; 73; and 75. A maximum of 4 hours in Business or Economics may be included in the total upper biennium hours. Extra-departmental requirement: Economics 1-2.

*Minor Requirements:* 18 hours, of which a minimum of 5 must be in the upper biennium. Required courses: Secretarial Science 63 and 70.

**Two Year Terminal Course:** A two year terminal course is available in Secretarial Science for those students who do not plan to finish college.

**TYPEWRITING****5,6. TYPEWRITING I**

A study of the techniques of touch typewriting as applied to business and personal use. (First semester or equivalent is prerequisite to the second semester.) Two Hours

**57,58. TYPEWRITING II**

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects. (First semester is prerequisite to the second semester.)

Prerequisite: 5,6 or equivalent.

Two Hours

**SHORTHAND****7-8. SHORTHAND I**

Basic principles of Gregg Shorthand plus dictation and elementary transcription.

Eight Hours

**63,64. SHORTHAND II**

Speed-building dictation with fast and accurate transcription on the typewriter. The second semester includes work in denominational and medical vocabularies. (First semester is prerequisite to the second semester.)

Prerequisite: 7-8 or equivalent.

Eight Hours

**108. ADVANCED SHORTHAND**

Rapid dictation and transcription of Congressional and denominational material.

Prerequisite: 63,64.

Three Hours

**OFFICE PRACTICE****14. SECRETARIAL ACCOUNTING**

Instruction in accounting fundamentals adapted to the needs of future secretaries and stenographers. Will not apply on a Business major or minor. Offered both semesters.

Three Hours

**53. BUSINESS MACHINES**

Instruction and practice on various types of calculating, adding, and duplicating machines. Offered both semesters.

Prerequisite: 5,6 or equivalent.

One Hour

**70. SECRETARIAL PRACTICE**

Instruction in office procedures, business ethics, and the personal qualifications of the secretary. Two class periods and a three-hour laboratory each week.

Prerequisite: 63.

Three Hours

**73. MACHINE TRANSCRIPTION**

Instruction and practice in the use of the Dictaphone, with emphasis on fast and accurate transcribing from the secretarial unit.

Prerequisite: 5,6 or equivalent.

One Hour

**75. INDEXING AND FILING**

A study of the filing systems most commonly used in business; practice in both card and correspondence filing. Offered both semesters.

One Hour

**161. BUSINESS COMMUNICATIONS**

The composition and oral dictation of business letters and reports.

Three Hours

**164. OFFICE MANAGEMENT\***

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space, and organizing the flow of work through the office.

Three Hours

**182. TECHNIQUES AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING\***

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting.

Two Hours

# SPECIAL CURRICULA

## THEOLOGY

La Sierra College Theology training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theology curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours.

### *Specific Requirements:*

Religion Courses	Hours
Life and Teachings of Jesus .....	4
Bible Doctrines .....	6
Daniel and Revelation (U. D.) .....	5
New Testament Epistles .....	6
Public and Field Evangelism .....	4
Gift of Prophecy .....	3
Homiletics .....	6
Old Testament Prophets .....	6
Personal Evangelism .....	4
Cognate Courses	
History of the Christian Church .....	6
Beginning New Testament Greek .....	8
Intermediate New Testament Greek .....	6
Speech (including Fundamentals of Speech) .....	9
European Civilization .....	3
Accounting Fundamentals .....	2
Health Evangelism .....	2

### BIBLE INSTRUCTORS

*Major Requirements:* 35 hours, 15 of which must be in the upper biennium. In addition to the basic requirements for the Bachelor of Arts degree, the following courses are required:

### *Specific Requirements:*

Religion Courses	Hours
Bible Doctrines .....	6
Personal Evangelism .....	4
New Testament Epistles .....	6
Old Testament Prophets .....	3
Gift of Prophecy .....	3
Daniel and Revelation (U. D.) .....	5
Bible Instructor Evangelism .....	2
(second semester)	

History of the Christian Church .....	6
Cognate Courses	
European Civilization .....	3
Speech .....	7
Music .....	4

### PREMEDICAL

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges.

In planning their college courses, premedical students should include those courses required by the admissions committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. A college degree is necessary for admission to most medical schools. With this in mind, students should decide on a major and a minor, preferably by the beginning of the second year, and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists, a student should:

- Maintain a satisfactory conduct and character rating.
- Reach a minimum scholarship average of 1.5 in both science and non-science courses.
- Take the medical aptitude test during the 12 months preceding his application.
- Receive credit in the courses required by the College of Medical Evangelists for admission. These courses are as follows:

	Semester Hours
Chemistry .....	16
Physics .....	8
Biology .....	8
Embryology .....	3
Genetics (recommended) .....	3
Freshman English .....	6
French, German, or Spanish* .....	6-12
American History and Government .....	5
Religion .....	12

\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 14 hours. Students taking two years of Latin in high school must begin one of the above modern languages on the college level and complete 12 semester hours in the same language.

### PREMEDICAL TECHNOLOGY

Three years of college work totaling 97 semester hours are required as preparation for medical technology.



*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	3
General Chemistry .....	4	4
General Zoology .....	4	4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
Language .....	3	3
General Physics .....	4	4
Quantitative Analysis .....	4	
Microbiology .....		4
Mammalian Anatomy .....	2	
Electives .....	1	3

*Third Year*

Religion .....	2	2
Organic Chemistry .....	3	3
Physiology .....	3	
American History .....	3	
United States Constitution .....		2
Biochemistry .....		4
Electives .....	5	5

## PREPHYSICAL THERAPY

Two years of college work totaling 66 semester hours are required as preparation for physical therapy.

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
General Zoology .....	4	4
General Chemistry .....	4	4
Microbiology .....		4
General Psychology .....	3	
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Quantitative Analysis .....	4	
Mammalian Anatomy .....	2	
United States Constitution .....		2
American History .....	3	
Electives** .....	1	8

Electives are to be chosen in counsel with adviser. Suggested by the College of Medical Evangelists are such courses as: Physics, organic chemistry, biochemistry, embryology, educational psychology, human anatomy, public speaking.



## PREDENTAL

*First Year*

	Semester Hours	
	First	Second
Religion .....	2	2
Freshman English .....	3	3
Mathematics .....	3	3
General Chemistry .....	4	4
General Zoology .....	4	4
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

*Second Year*

Religion .....	2	2
General Physics .....	4	4
Organic Chemistry .....	3	3
American History .....	3	
United States Constitution .....		2
Electives .....	4	5
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## PRENURSING

(See Curriculum on page 60.)

## PRE-X-RAY TECHNIQUE

One year of college work with a total of 32 semester hours is required as preparation for X-ray technique.

The course of study must include college physics. It is also recommended that courses in chemistry, anatomy and physiology should be taken.

## PREDIETETICS

Two years of college work totaling 64 semester hours are required as preparation for professional training in dietetics. This is based on the requirements of the School of Nutrition of the College of Medical Evangelists.

	Semester Hours
Religion .....	6
Freshman English and literature .....	9
Education .....	3-6
Preferably one of the following:	
Educational Psychology	
Methods of Teaching	
Principles of Education	
Foods and Cookery .....	6
† General Chemistry .....	8
Microbiology .....	4
†† Social Science .....	9

At least two of the following:

Economics	
Psychology	
Sociology	
American History and Institutions .....	6
Physical Education .....	2
Electives .....	8

† For students planning to take a minor in chemistry, 6 hours of organic chemistry is required.

†† In meeting the social science requirements, basic introductory courses should be chosen rather than adapted or specialized courses in this area.

## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay the cashier their guarantee deposit before beginning registration.

The entrance fee and the Associated Student Body fees are included in the tuition. Students taking less than 4 hours are not entitled to student publications or Associated Student Body privileges because these have not been added to the tuition they pay.

The guarantee deposit is \$85.00 for resident (boarding) students and \$45.00 for non-boarding, or day, students. Veterans living in residence halls will be required to pay \$50.00. Students living in the college-owned residences will be required to pay one month's rent in advance. These deposits will be held in trust until the last month of the school year, or until the student leaves the college. Students registering after the regular registration will be required to pay a fee of \$5.00. (See page 29.)

Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket, the price of which is \$10.00; \$5.00 breakage tickets are required in biology courses using breakable equipment. Should the ticket be consumed before the end of the course, a new one is to be purchased. The unused portion of a ticket is redeemable at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in the course of his work. It should not be confused with the laboratory fee, which covers the cost of chemicals or other materials used by the student.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the college on or before September 1.

### TUITION AND HOME EXPENSES

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$ 14.50	5 .....	76.00
2 .....	29.00	6 .....	90.50
3 .....	43.50	7 .....	105.00
4 .....	61.50	8 .....	119.50

9 .....	\$134.00	13-16 .....	192.00
10 .....	148.50	17 .....	206.50
11 .....	163.00	18 .....	221.00
12 .....	177.50		

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for first session and in July for second session. Statements are prepared each calendar month and are payable when presented.

Students living in the village or surrounding communities pay tuition on the same basis as dormitory students.

### ROOM RENT

Gladwyn Hall and Mu Beta Kappa.....	\$18.00 per month
Angwin Hall and Calkins Hall.....	19.00 per month
Special rooms in Angwin Hall and Calkins Annex.....	20.00 per month

The above charges are on the basis of two students in a room and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall and Calkins Annex are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the college, a charge of \$3.00 will be made to cover the cost of installing a new lock. Should a student leave the room in a damaged condition, a charge will be made to take care of the cost of repair.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The Health Service fee applies toward the expenses of maintaining a nursing staff at the college and includes simple treatments, medications, and general nursing care. It does not include doctor's fees, special prescriptions, prolonged nursing care, or physical therapy treatments.

If a student finds it necessary to receive hospitalization in the infirmary, a charge of \$1.00 per day for its use will be made.

### PRIVATE MUSIC AND SPEECH LESSONS

The fee for private lessons (half hour) is \$32.00 per semester for one lesson a week; \$52.00 per semester for two lessons a week. Single lessons are \$2.50 each. No refunds are made for occasional absence,

whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up. When the lessons taken in a semester number less than 8, they will be charged for at the single lesson rate of \$2.50. In addition to the private lesson fee there is a regular tuition charge for the amount of credit earned.

## FEES AND RENTALS

### *Application Fee:*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Laboratory Fees:*

All courses having a one-credit-hour laboratory carry a laboratory fee of \$10.00 per semester per course.

All courses having a two-credit-hour laboratory carry a laboratory fee of \$15.00 per semester per course.

### *Exceptions:*

	Per Semester
Mechanical, Architectural, Engineering	
Drawing and Carpentry .....	\$ 3.50
Truck and Tractor Mechanics .....	20.00
All Home Economics courses, with a	
laboratory .....	7.00
All Business Courses with a laboratory .....	3.00
Drawing and Painting courses (per hour). ....	3.00
Sculpture and Ceramics (per hour) .....	5.00
Radio Speech .....	2.00

OA English carries a tuition charge of \$20.00 a semester.

### *Medical Examinations:*

All students are required to have completed physical examination blanks on file at the college when they come to register. If they do not, they will be required to take a physical examination at the college, for which a \$3.00 charge will be made by the college, payable in advance. No one will be allowed to begin registration until the medical blank has been approved.

### *Fine Arts — Music:*

All music organizations carry a tuition charge and a fee of \$2.50 per semester whether taken for credit or not. All music theory classes carry a fee of \$2.00 in addition to tuition.

### *Physical Education:*

	Per Semester
Medical Cadet Corps .....	\$2.00
Physical Education .....	3.50
Special Towel and Locker Fee for non- physical education students .....	1.50



*Rentals:*

	Per Month
Typewriter, one period per day .....	\$ 1.50
Music Instruments .....	1.50
Music Rentals	Per Semester
Practice Room, one hour a day .....	\$ 5.00
Practice Room, two hours a day .....	8.00
Pipe Organ, Estey, two hours a week .....	14.00
Pipe Organ, Wurlitzer, three hours a week .....	14.00

Single practice periods are charged as follows:

	Per Hour
Estey Organ .....	\$ .50
Wurlitzer Organ .....	.35

*Special Fees:*

Special examination .....	\$ 3.00
Late class change .....	1.00
Degree .....	5.00
Diploma — Professional .....	5.00
Late registration .....	5.00
Medical Aptitude Test .....	10.00
Reregistration Fee .....	2.00
Biology Field Courses (transportation) .....	5.00

**BOARD**

Board is furnished on the cafeteria plan. The meals are served in a beautiful, up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

**STUDENT BILLS**

Money for the payment of accounts should be sent directly to the business office of the college and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

**REFUNDS**

In case a student withdraws at the end of the first two weeks, all but \$1.00 of his laboratory fee will be refunded. Within thirty days, 50% will be refunded. After that, no refunds will be made.

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

**THE STUDENT BANK**

Provision is made for students to deposit in the Student Bank in the business office of the college such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the passbook.



## COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account. All checks paying school expenses should be made out to the college. All checks for personal cash are to be made out to the students, not the college. Please do not combine money to be given to students with the check which pays the school bill. Purchases of books are personal items that the student buys for cash, and they are not considered as part of the school bill.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 4th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the offices of the registrar and the treasurer. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective at the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the dormitory dean.

Students whose accounts are unpaid at the time of graduation must make satisfactory arrangements with the business office before participating in any graduation exercise. If it is necessary to settle on the basis of an estimate, the privilege will be granted for delayed settlement of any balance above the estimate.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the college are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The college reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours are permitted to work above forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and resident expenses. Labor credits cannot be transferred to any person without written permission of the person having the credit. Students accepting employment in any department agree to the provisions as stated above.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II under the Vocational Rehabilitation Program (partial disability, *Public Law* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law* 346, 78th Congress, 1944).

Veterans wishing to attend school under the provisions of *Public Law* 346 should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law* 16 should be evidenced by a letter authorizing such training and signed by the training officer for this region.

Veterans planning for training under the State of California Educational Institute plan should evidence their intention by presenting an "Authorization Certificate" from the State of California.

Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that items suspended by the Government, either State or Federal, will be paid by the student. Veterans will do well to plan to have sufficient funds to cover at least two months' living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts in anticipation of government subsidies.

Students who wish to sell Seventh-day Adventist literature will be

awarded special scholarships which will be arranged between the publishers, the conferences, and the college. Details of such scholarships should be obtained from the business office before the student begins work.

## ENROLLMENT ANALYSIS

1951 - 1952

Regular Semesters	Men	Women	Total
Freshmen .....	167	200	367
Sophomores .....	95	53	148
Juniors .....	111	91	202
Seniors .....	86	32	118
Postgraduates .....	10	11	21
Special Students .....	3	7	10
Part-time Preparatory School .....	4	3	7
Preparatory School .....	90	97	187
Summer Sessions 1951			
Freshmen .....	26	17	43
Sophomores .....	22	11	33
Juniors .....	38	8	46
Seniors .....	35	10	45
Postgraduates .....	6	8	14
Special Students .....	0	3	3
Preparatory School .....	7	9	16
COLLEGE TOTAL .....			1057
PREPARATORY TOTAL .....			203



## GRADUATES OF 1951

### BACHELOR OF ARTS

W. Duane Albert  
 Euel H. Atchley  
 Harold E. Baker  
 Robert Lee Baldwin  
 Warren L. Belding  
 William John Boundey  
 Walter E. Brady  
 John B. Bruce  
 William H. Brunie  
 Lois Evelyn Bryson  
 Austin E. Butler  
 E. Arthur Calkins  
 Richard A. Carr  
 Christian P. Christianson  
 Richard Irving Clark  
 Clifford L. Davies  
 William Albert Davis  
 Deena Dolores Dee  
 Glenn H. Denton  
 Paul O. Diaz  
 Leslie David Ekval, Jr.  
 John William Elick

William Eugene Fair  
 Eldon Ford  
 George W. Frisbey, Jr.  
 Charles Bently Fuels, Jr.  
 Dorsey Lee Furr  
 Thomas Geddis  
 Mary Margaret Gullett  
 Luther Mulkey Hand, Jr.  
 Gerald R. Hardy  
 Fred Harriman  
 Paul Bernard Hart  
 Ree Jackson Hiatt  
 Vernon Ross Hiatt  
 Bryce Robb Hickerson  
 Ronald D. Hill  
 Gerald E. Hixson  
 Albion M. Hoff  
 Harold G. Hoof  
 Kenneth G. Hoover  
 Merrilyn Louise Jacobson  
 Robert Lee Julian  
 Richard Floyd Keiger

Robert Kimball	Endelecio B. Padilla
David Kirk	Opal Ruth Parish
John Howard Kissinger	Catherine Joy Pearce
Daniel Yanswee Kok	Donald G. Reynolds
Harold Eilert Krohne	Manuel Rodriguez-Burgos
Bert Loyd Kurts	Emerald E. Rogers
Dale L. Larson	Marilyn Jean Russ
Bennett Mun Kwai Lau	Robert Lee Russell
Robert Denton Lee	Raymond B. Sansonetti
Mary Yuk Wan Leong	James N. Scott
Kenneth Ellery Logan	Doralee Adele Shipley
Robert E. Lorenz	Green Weston Shurney
Roland Harold McCart	Daniel Skoretz
Earl George McGill	Harlan Specht
Kenneth Matiko	Joseph Frank Stier
Leslie Washington Metcalf, Jr.	Paul Sundin
Herbert J. Michals	Addison L. Swanson
Byron L. Millard	Evelyn Ruth Taylor
Robert E. Moncrieff	Reinhold Klass Tilstra
Marilyn Ruth Murphy	Ralph Adonijah Tyrell
Dorothy Nelson Nelson	Corliss W. Vander Mei
Richmond Kipp Nelson	Louis Dean Venden
Wilbur Kenneth Nelson	Florence Fujiko Wakabayashi
Arthur Leon Neuman	Helen Laura Watts
Kenneth L. Nyack	Myra Evelyn Webster
Ralph Rojas Ocampo	Elizabeth June Wentworth
Charles William Oliphant	Harold E. Williams
Romona Pauline Ovas	

### BACHELOR OF MUSIC EDUCATION

Moses Andrew Chalmers, Jr.

Carleen Ann Henkelmann

### BACHELOR OF SCIENCE

Teresa G. Ballagas	Duane Purdey
Eva Russell Casper	Keith E. Rich
Allen E. Chaffee	John Kenneth Segesman
Albert Franklin Etling	Elsie Janice Spinks
Mildred Hung Chook Hee	James E. Stearns
Kamalee Higgs	Irene Van Ausdle
La Verta Colene Hooper	Beatrice Aoe Wong
Joyce Soonhwe Kang	Yvonne Eleanora Yip
William John Moffat	Gordon Alfred Youngberg
Ira Eugene Bailie	Dan C. Mills
Pearl Bontrager	Ross H. Seasily, Jr.
William E. Brown	Wilford C. Tetz
Bryon H. Eller	Sharon E. Waggoner
Noel Ethelburgh Haye	Melvin C. Waldron
Armando del Carmen	Raymond O. West
Hernandez Garcia	Walter William Winslow
J. Arthur Johnson	
George L. Juler	



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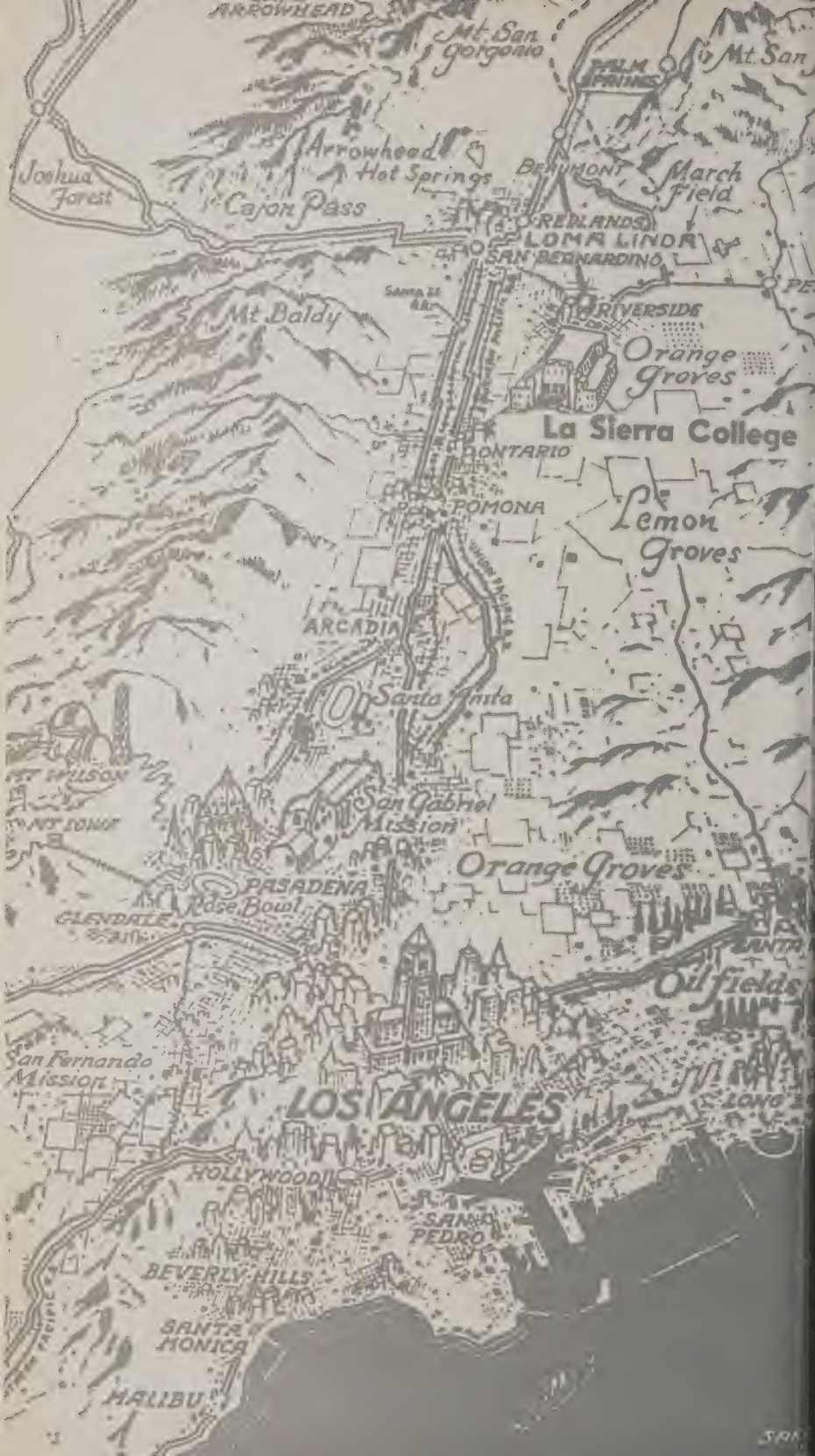




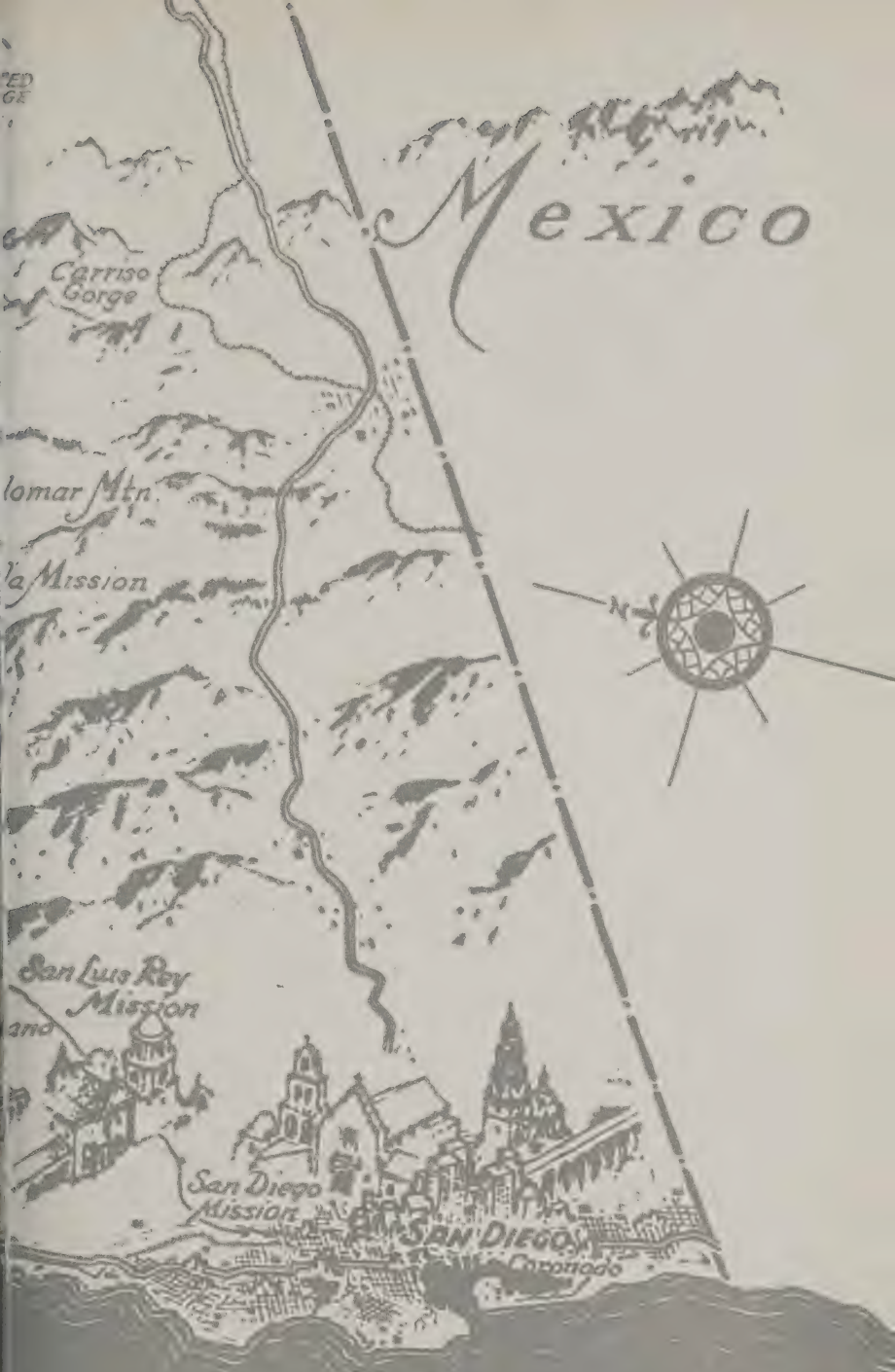












COURTESY OF  
THE ALL-YEAR CLUB OF SOUTHERN CALIFORNIA  
AND THE CALIFORNIANS INCORPORATED







# LA SIERRA COLLEGE BULLETIN

*1953-1954*









**NEWBURY PARK ACADEMY**



**GLENDALE SANITARIUM**

**GLENDALE UNION ACADEMY**

*Occidental College*

*Pasadena*

*Huntington  
Memorial  
Library*

*Claremont  
Colleges*

*Univ. Calif. L.A.*

**WHITE MEMORIAL HOSP**

**LOS ANGELES**

*Univ. S. Cal.*

*Whittier College*

**LYNWOOD ACADEMY**

*Long Beach*

*Balboa*

*Santa Ana*

*Laguna Beach*

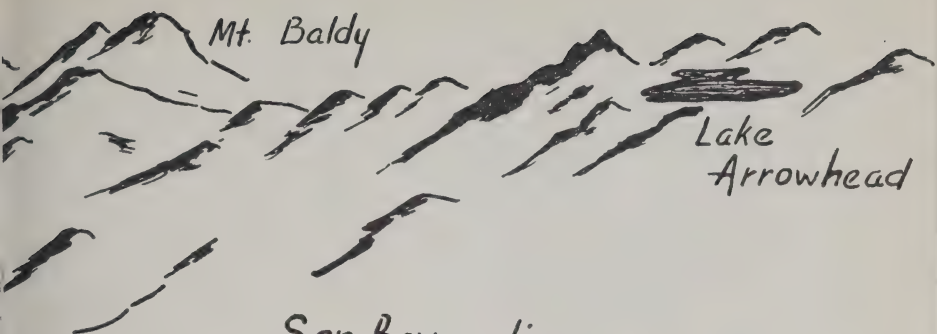
*San Juan  
Capistrano*

*Oceanside*

*San Diego*

**SAN DIEGO UNIV**

**PARADISE VALLEY**



Mt. Baldy

Lake  
Arrowhead

San Bernardino

LOMA LINDA ACADEMY

LOMA LINDA SANITARIUM

Redlands University

Riverside

Univ. Cal.  
Riverside



**RR COLLEGE**

Palm  
Spring

To -

**ARIZONA  
ACADEMY** →



Orange Groves

Lake Elsinore

Mt. San Jacinto

Idylwild



Palomar Observatory



Painted  
Desert

**QUAL  
ACADEMY**

MEXICO

The pictures on the following four pages show these characteristic campus scenes:

1. Administration offices and library patio.
2. Tree-framed vista of Angwin Hall, residence for upperclass women.
3. Palm colonnade to Gladwyn Hall.
4. South Chapel, recently erected for use by the residents of the men's dormitories.













LA SIERRA COLLEGE  
BULLETIN

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1953 - 1954



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1970  
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# CALENDAR

1953 - 1954

SEPTEMBER							JANUARY							MAY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
		1	2	3	4	5							1	2						1	
6	7	8	9	10	11	12	3	4	5	6	7	8	9	2	3	4	5	6	7	8	
13	14	15	16	17	18	19	10	11	12	13	14	15	16	9	10	11	12	13	14	15	
20	21	22	23	24	25	26	17	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	23	16	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	
27	28	29	30				24	25	26	27	28	29	30	23	24	25	26	27	28	29	
							31							30	31						
OCTOBER							FEBRUARY							JUNE							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
				1	2	3		1	2	3	4	5	6		1	2	3	4	5		
4	5	6	7	8	9	10	7	8	9	10	11	12	13	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	14	15	16	17	18	19	20	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	21	22	23	24	25	26	27	20	21	22	23	24	25	26	
25	26	27	28	29	30	31	28							27	28	29	30				
NOVEMBER							MARCH							JULY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	2	3	<u>4</u>	<u>5</u>	<u>6</u>	7		1	2	3	4	5	6					1	2	3	
8	9	10	11	12	13	14	7	8	9	10	11	12	13	4	5	6	7	8	9	10	
15	16	17	18	19	20	21	14	<u>15</u>	<u>16</u>	<u>17</u>	18	19	20	11	12	13	14	15	16	17	
22	23	24	25	26	27	28	21	22	23	24	25	26	27	18	19	20	21	22	23	24	
29	30						28	29	30	31				25	26	27	28	29	30	31	
DECEMBER							APRIL							AUGUST							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
		1	2	3	4	5						1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
27	28	29	30	31			25	26	27	28	29	30		29	30	31					

**Bold Dates**—Financial periods close. (Accounts due within ten days.)

**Underscore**—Examination days.

# CALENDAR OF EVENTS

1953 - 1954

## SUMMER SESSIONS 1953

First Summer Session Registration .....	June 14
First Summer Session Instruction Begins (Six Weeks Term) .....	June 15
Second Summer Session Registration .....	July 26
Second Summer Session Instruction Begins (Four Weeks Term) ....	July 27

## FIRST SEMESTER

Freshman Welcome and Orientation Day (Attendance Required)	Sept. 8
Registration (Non-Freshman) .....	September 8
Freshman Registration .....	September 9
Instruction Begins .....	September 10
Founders' Day .....	October 3
Fall Week of Prayer .....	October 9-17
Mid-Semester Examinations .....	November 4-6
Autumn Recess 12:30 p.m. ....	November 25
to 6:00 p.m. ....	November 29
Senior Organization .....	December 1
Senior Presentation .....	December 14
Winter Recess 12:30 p.m. ....	December 22
to 6:00 p.m. ....	January 3
First Semester Examinations .....	January 18-22

## SECOND SEMESTER

Second Semester Registration .....	January 24 and 25
Second Semester Instruction Begins .....	January 26 (Tuesday)
College Day .....	March 3
Mid-Semester Examinations .....	March 15-17
Spring Recess 12:30 p.m. ....	March 17
to 6:00 p.m. ....	March 21
Spring Week of Prayer .....	March 26 - April 3
Alumni Homecoming .....	May 2
Second Semester Examinations .....	May 17-21
Consecration .....	May 21
Baccalaureate .....	May 22
Commencement .....	May 23

## SUMMER SESSIONS 1954

First Summer Session Registration .....	June 6
First Summer Session Instruction Begins (Six Weeks Term) .....	June 7
Second Summer Session Registration .....	July 18
Second Summer Session Instruction Begins (Six Weeks Terms) ....	July 19

## CORRESPONDENCE INFORMATION

The post office address of La Sierra College is La Sierra Station, Arlington, California.

Correspondence concerning the general interests of the college and faculty appointments should be addressed to the president.

Other inquiries should be addressed as indicated below:

Application for Admission .....	Dean of the College
Application for Employment .....	Business Manager
Payment of Bills .....	Business Office
Catalogs and Bulletins .....	Dean of the College
Alumni Affairs .....	Alumni Sponsor
Evaluation of Credits .....	Registrar
Graduate Placement .....	Dean of the College
Transcript of Records .....	Registrar
Summer Sessions .....	Dean of the College



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### REGIONAL FIELD REPRESENTATIVES

R. L. HUBBS  
Box 5277, Phoenix, Arizona

E. F. HEIM  
P. O. Box 580, San Jose 6, California

J. F. KNIPSCHILD, JR.  
Box 4037, Honolulu 46, T.H.

H. M. LODGE  
Box 1470, Reno, Nevada

CECIL I. CHRISMAN  
Box 584, Arlington, California

J. ALFRED SIMONSON  
Station A, Box 148, Los Angeles 31, California

P. G. WIPPERMAN  
Box 149, Oakland 4, California

# ON CAMPUS ADMINISTRATION

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THOMAS A. LITTLE, PH.D. *Dean*

W. E. ANDERSON, M.BUS.ADM., *Business Manager*

WILLETA CARLSEN, B.S., *Registrar*

HUGH C. LOVE, B.A., *Dean of Men*

LOIS MCKEE, B.S., *Dean of Women*

D. GLENN HILTS, B.S., IN L.S., A.M., *Librarian*

MAX M. WILLIAMS, M.A., *Principal of Preparatory School*

## ASSOCIATES IN ADMINISTRATION

DONALD H. ABBOTT, M.D., F.A.C.S., F.I.C.S., *Staff Physician*

MARY DONA BOTHE, B.S., *Assistant Registrar*

PAUL S. DAMAZO, B.S., *Director of Cafeteria*

AILEEN DIXON, B.A., *Business Office Manager*

HOPE HAYTON, B.S. IN L.S., A.M., *Assistant Librarian*

PATRICIA HIRSCH, B.A., *Assistant Librarian*

DOROTHY KUESTER, B.TH., *Assistant Dean of Women*

CLARENCE M. LAUE, B.S., *Assistant Business Manager*

EDWARD W. MATHESON, *Assistant Dean of Men*

## OFFICERS OF AUXILIARY ACTIVITIES

DON ANDERSON, *Superintendent of College Press*

JOHN CLOUGH, *Superintendent of Maintenance*

G. CLARENCE FERGUSON, *Superintendent of Grounds*

PEARL GUILD, *Superintendent of College Laundry*

FRANK E. ROMANT, *Superintendent of College Store*

GEORGE E. STEARNS, *Superintendent of College Farm*

## INSTRUCTIONAL STAFF

- WILFRED J. AIREY, Ph.D.** *Professor of History*  
A.B., Walla Walla College, 1933; A.M., University of Washington, 1938; Ph.D., University of Washington, 1945. *La Sierra College*, 1941-
- MARGARETE AMBS, A.M.** *Professor of Modern Languages*  
A.B., Emmanuel Missionary College, 1935; A.M., University of Southern California, 1940; graduate work, Universidad Nacional de Mexico, 1941, 1944; Western Reserve University, 1948-1949; La Sorbonne, summer, 1951. *La Sierra College*, 1938-
- DONALD M. BROWN, Ph.D.** *Professor of Biology*  
A.B., Washington Missionary College, 1944; M.S., University of Maryland, 1948; Ph.D., University of Maryland, 1950. *La Sierra College*, 1951-
- LESTER H. CUSHMAN, M.S.** *Professor of Mathematics*  
A.B., Pacific Union College, 1930; M.S., University of Southern California, 1932; graduate work, University of Southern California, 1947-1948. *La Sierra College*, 1930-
- LLOYD E. DOWNS, A.M.** *Professor of Biology*  
A.B., Pacific Union College, 1933; A.M., Pacific Union College, 1945; graduate work, University of Southern California, 1947-1951. *La Sierra College*, 1944-
- HAROLD B. HANNUM, M.Mus., A.A.G.O.** *Professor of Organ and Theory*  
A.B., Washington Missionary College, 1923; Teacher's Certificate (piano) Peabody Conservatory, 1926; Associate of the American Guild of Organists, 1931; M.Mus., Northwestern University, 1935. *La Sierra College*, 1944-
- J. CECIL HAUSSLER, Ph.D.** *Professor of Religion*  
A.B., Walla Walla College, 1923; A.M., Occidental College, 1927; Ph.D., University of Southern California, 1945. *La Sierra College*, 1944-
- EDWARD HEPPENSTALL, Ph.D.** *Professor of Religion*  
B.Th., Stanborough Park College, England, 1928; A.B., Emmanuel Missionary College, 1933; A.M., University of Michigan, 1934; Ph.D., University of Southern California, 1951. *La Sierra College*, 1940-
- MAYBEL JENSEN, A.M.** *Professor of Elementary Teacher Education*  
A.B., Union College, 1925; A.M., University of Southern California, 1932; graduate work, University of Southern California, summers 1933-1936, 1939-1943. *La Sierra College*, 1925-
- FRANK JUDSON, M.S.** *Professor of Agriculture*  
B.S., Madison College, 1938; M.S., University of Tennessee, 1940. *La Sierra College*, 1948-
- WILLIAM D. LEECH, Ph.D.** *Professor of Chemistry*  
A.B., Union College; M.A., University of Southern California; Ph.D., California Institute of Technology. *La Sierra College*, 1952-
- THOMAS A. LITTLE, Ph.D.** *Professor of English*  
A.B., Washington Missionary College, 1917; A.M., University of North Carolina, 1924; Ph.D., University of Nebraska, 1950. *La Sierra College*, 1949-

- IRENE E. ORTNER, A.M. *Professor of Secretarial Science*  
A.B., Atlantic Union College, 1934; A.M., Boston University, 1939.  
*La Sierra College*, 1944-
- NORVAL F. PEASE, B.D. *Professor of Religion*  
B.A., Walla Walla College, 1931; M.A., Seventh-day Adventist Theological Seminary, 1945; B.D., Seventh-day Adventist Theological Seminary, 1950. *La Sierra College*, 1953-
- MABEL CURTIS ROMANT, A.B., M.O. *Professor of Speech*  
A.B., Emmanuel Missionary College, 1925; M.O., Chicago School of Expression and Dramatic Art, 1929; graduate work, Catholic University of America, 1936, 1937. *La Sierra College*, 1940-
- JULIAN L. THOMPSON, Ph.D. *Professor of Physics*  
B.S., Pacific Union College, 1923; M.S., University of Oklahoma, 1931; Ph.D., University of Chicago, 1939. *La Sierra College*, 1946-
- KARL F. AMBS, M.Bus.Adm. *Lecturer in Economics*  
A.B., Emmanuel Missionary College, 1928; M.Bus.Adm., Northwestern University, 1936. *La Sierra College*, 1936-
- WILLIAM E. ANDERSON, M.Bus.Adm. *Associate Professor of Business Administration*  
A.B., Emmanuel Missionary College, 1932; M.Bus.Adm., University of Southern California, 1945. *La Sierra College*, 1943-
- EDNA S. FARNSWORTH, B.F.A., M.Mus. *Associate Professor of Piano*  
B.F.A. in Music, Nebraska Wesleyan University, 1938; M.Mus., Redlands University, 1941. *La Sierra College*, 1939-
- JOHN T. HAMILTON, M.Mus. *Associate Professor of Voice*  
B.Mus., Northwestern University, 1941; M.Mus., Northwestern University, 1945. *La Sierra College*, 1947-
- GEORGE T. SIMPSON, A.M. *Associate Professor of Secondary Education*  
A.B., Walla Walla College, 1934; A.M., University of Denver, 1947; graduate work, Columbia University, 1948-1949. *La Sierra College*, 1947-
- WALTER F. SPECHT, A.M. *Associate Professor of Biblical Languages and Religion*  
B.Th., Walla Walla College, 1936; A.M., Seventh-day Adventist Theological Seminary, 1947. University of Chicago, 1949-1951. *La Sierra College*, 1945-
- ALFRED WALTERS, M.Mus. *Associate Professor of Violin*  
B.S., Fredonia State Teachers' College, 1940; M.Mus., Boston University, 1946. *La Sierra College*, 1947-
- LILLIAN L. BEATTY, A.M. *Assistant Professor of English*  
A.B., Walla Walla College, 1925; A.M., Stanford University, 1935. *La Sierra College*, 1946-
- THOMAS HARRISON BLINCOE, A.M. *Assistant Professor of Religion*  
A.B., La Sierra College, 1945; A.M., Seventh-day Adventist Theological Seminary, 1952. *La Sierra College*, 1948-
- DORIS H. BROWN, M.A. *Assistant Professor of Secondary Education*  
B.A., Washington Missionary College, 1943; M.A., University of Nebraska, 1951. *La Sierra College*, 1952-



H. ALLEN CRAW, M.Mus. *Assistant Professor of Piano*  
A.B., Emmanuel Missionary College, 1946; M. Music, North Texas State College, 1948; graduate work, Eastman School of Music, summers 1949, 1950, and University of Southern California, summer 1951. *La Sierra College*, 1950-

ANNA P. EDWARDSON, A.M. *Assistant Professor of Nursing Education*  
A.B., Redlands University, 1935; A.M., University of Washington, 1939. *La Sierra College*, 1948-

H. RUSSELL EMMERSON, A.B. *Assistant Professor of Architectural Engineering*  
A.B., Walla Walla College, 1926; student, University of Southern California, 1952-1953. *La Sierra College*, 1952-

CHARLES B. HIRSCH, A.M. *Assistant Professor of History and Political Science*  
A.B., Atlantic Union College, 1948; M.A., Indiana University, 1949; graduate work, Indiana University, 1949-1950, summers 1949-1952. *La Sierra College*, 1951-

RALPH L. KOORENNY, A.M. *Assistant Professor of Business Administration*  
A.B., Walla Walla College, 1946; A.M., Washington State College, 1948; graduate work, University of California at Los Angeles, summer 1950, and University of Colorado, summers, 1951-1952. *La Sierra College*, 1948-

LUELLA LATHAM KRETSCHMAR, M.S. *Assistant Professor of Chemistry*  
B.S., University of Washington, 1925; M.S., University of Washington, 1928; graduate study, University of Chicago, summer 1928. *La Sierra College*, 1952-

HELEN F. LITTLE, A.M. *Assistant Professor of English*  
A.B., Union College, 1937; A.M., University of Nebraska, 1938. *La Sierra College*, 1950-

EDWARD NACHREINER, A.M. *Assistant Professor of Modern Languages*  
A.B., Union College, 1935; A.M., University of Nebraska, 1937; graduate work, University of Munich, summer 1938; Washington University, 1938-1939; University of Southern California, 1951-1952. *La Sierra College*, 1950-

CHLOE ADAMS SOFSKY, A.B., B.F.A. *Assistant Professor of Art*  
A.B., Union College, 1933; B.F.A., University of Nebraska, 1937; graduate work, Claremont College, summers 1948-1952. *La Sierra College*, 1945-

\*MAUDIE BRYAN, R.N., B.S. *Instructor in Physical Education*  
R.N., Paradise Valley Sanitarium and Hospital, 1935; B.S., Walla Walla College, 1940. *La Sierra College*, 1948-

PAUL S. DAMAZO, B.S. *Instructor in Nutrition*  
B.S., College of Medical Evangelists, 1952; graduate work, Florida State University, 1952-1953. *La Sierra College*, 1953-

HOPE H. HAYTON, B.S. IN L.S., A.M. *Instructor in Library Science*  
A.B., Pacific Union College, 1929; A.M., University of Southern California, 1934; B.S. IN L.S., University of Southern California, 1951; graduate work, University of Southern California, summers 1947-1952. *La Sierra College*, 1946-

DOROTHY KUESTER, B.Th. *Instructor in Physical Education*  
B.Th., Walla Walla College, 1948. *La Sierra College*, 1952-

\*On leave 1953-1954.



- LAWRENCE E. MOBLEY, A.M. *Instructor in English*  
A.B., Emmanuel Missionary College, 1950; A.M., University of Michigan, 1952. *La Sierra College*, 1952-
- WILLIAM J. NAPIER, A.B. *Instructor in Physical Education*  
A.B., Union College, 1949; graduate work, University of Colorado, 1949-1950. *La Sierra College*, 1950-
- JAMES RIGGS, A.B. *Instructor in Physics*  
A.B., La Sierra College, 1947; graduate work, University of Southern California, summer 1948; University of California at Los Angeles, summer 1950; Texas A. & M., summers 1951-1952. *La Sierra College*, 1947-
- H. RAYMOND SHELDEN, B.S. *Instructor in Chemistry*  
B.S., Emmanuel Missionary College, 1937; graduate work, Indiana University, summers 1939-40, and University of Colorado, summers, 1951-1952. *La Sierra College*, 1948-
- ROBERT WARNER, M.Mus.Ed. *Instructor in Band Instruments*  
A.B., Iowa State Teachers College, 1948; M.Mus.Ed., Northwestern University, 1952. *La Sierra College*, 1952-
- YVONNE PASHER SONNELAND, B.S. *Assistant in Home Economics*  
B.S., La Sierra College, 1952. *La Sierra College*, 1952-

## SUPERVISING TEACHERS IN SECONDARY EDUCATION

- GRACE ALVAREZ, M.A. *Supervising Teacher in History and Spanish*  
A.B., Hunter College, 1945; M.A. Columbia University, 1947. *La Sierra College*, 1949-
- WILLIAM J. NAPIER, A.B. *Supervising Teacher in Physical Education*  
A.B., Union College, 1949; graduate work, University of Colorado, 1949-1950. *La Sierra College*, 1950-
- ADOLPHUS H. PARKER, M.A. *Supervising Teacher in Science and Mathematics*  
A.B., Union College, 1926; M.A., University of Minnesota, 1937. *La Sierra College*, 1947-
- NELLIE PHILLIPS, M.Bus.Ed. *Supervising Teacher in Business Education*  
A.B., Union College, 1941; M.Bus.Ed., University of Colorado, 1947. *La Sierra College*, 1947-
- LAURENCE E. REDMON, A.B. *Supervising Teacher in Printing*  
A.B., Huron College, 1929; graduate work, University of South Dakota, summer 1929; Colorado State Teachers' College, summer 1930; University of Nebraska, summer 1936. *La Sierra College*, 1951-
- MAX M. WILLIAMS, M.A. *Principal of La Sierra Secondary Demonstration School*  
A.B., Pacific Union College, 1945; M.A., Texas Christian University, 1951. *La Sierra College*, 1953-
- FLOYD G. WOOD, A.B. *Supervising Teacher in Religion*  
A.B., La Sierra College, 1946. *La Sierra College*, 1947-

## SUPERVISING TEACHERS IN ELEMENTARY EDUCATION

- H. EUGENE BATES, A.B. *Principal, Elementary School*  
A.B., La Sierra College, 1950; graduate work, Claremont Graduate School, 1950-1951. *La Sierra College*, 1950-

- FRANCES BARTLETT CRAW, M.S. *Supervising Teacher, Grade Five*  
 A.B., Emmanuel Missionary College, 1946; M.S., North Texas State  
 College, 1950. *La Sierra College*, 1950-
- NOREEN DAMAZO *Supervising Teacher, Grade Four*  
*La Sierra College*, 1953-
- MARY WITCHEY GROOME, M.A. *Supervising Teacher, Grade One*  
 A.B., University of Redlands, 1943; M.A., Claremont Graduate School,  
 1950; graduate work, University of Denver, 1944. *La Sierra College*,  
 1938-
- NELLIE G. ODELL, M.A. *Supervising Teacher, Grade Three*  
 A.B., Pacific Union College, 1938; M.A., Columbia University, 1949.  
*La Sierra College*, 1945-
- HELEN R. SWENSON, B.S. *Supervising Teacher, Grade Six*  
 B.S., University of Denver, 1945; graduate work, Claremont College,  
 1949. *La Sierra College*, 1948-
- MARY WOODWARD, A.B. *Supervising Teacher, Grade Two*  
 A.B., Pacific Union College, 1940; graduate work, University of  
 California at Los Angeles, 1946. *La Sierra College*, 1947-

## FACULTY COMMITTEES

### *Administrative Council and Admissions Committee*

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Thomas A. Little, Wilfred J. Airey, Donald M. Brown, Willeta Carlsen, Harold B. Hannum, Edward Heppenstall, D. Glenn Hilts, Frank Judson, George T. Simpson.

### *Curriculum Committee*

Dean, Registrar, Heads of the Departments.

### *Library Committee*

D. Glenn Hilts, Doris H. Brown, H. Russell Emmerson, H. Allen Craw, J. Cecil Haussler, Hope Hayton, Charles B. Hirsch, Clarence Laue, Helen F. Little, James Riggs.

### *Personnel Committee*

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### *Social Activities Committee*

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# GENERAL INFORMATION

## THE PHYSICAL PLANT

*Location and Environment.* La Sierra College is located ten miles southwest of the city of Riverside, fifty miles east of Los Angeles, and twenty miles southwest of Loma Linda. The college has easy access by bus, train, and paved highway to all famous cultural and educational centers of Southern California.

The college buildings are grouped on a gentle slope overlooking the Riverside valley, with its world famous citrus and walnut groves and palm-lined boulevards. During the winter months the snow-clad peaks of the Southern Sierras can be seen rising above the orange groves, a view of rare beauty from the campus.

*Buildings, Equipment, and Grounds.* The college plant consists of fourteen main buildings of similar architecture attractively grouped on the thirty-acre campus, and, in addition, a physical education building, three industrial buildings, and a general store. A quarter of a mile from the campus are the barns, stables, dairy, and creamery of the college farm.

THE ADMINISTRATION BUILDING AND J. E. FULTON MEMORIAL LIBRARY (built in 1946) contains the administrative and business offices of the college and the offices and classrooms of the Business Division. The library reading room has a seating capacity of two hundred fifty students. The library is modern as to equipment and arrangement, including a librarian's office, work rooms, and two floors of fireproof stacks, with a total capacity of 80,000 volumes. The stack rooms are equipped with numerous carrells. A microfilm room is fitted with reading machines and storage cabinets.

LA SIERRA HALL (built in 1923), once the administration building, occupies a central position on the campus. It contains offices and classrooms of the Religion, Social Sciences, and Language Divisions.

SAN FERNANDO HALL (built in 1931) contains teachers' offices, classrooms, and laboratories of the Departments of Physics and Mathematics.

THE HOLE MEMORIAL AUDITORIUM BUILDING (built in 1937) contains the music studios, a large practice hall, and numerous student practice rooms on the upper floor. The heart of the building is the college chapel, containing the concert organ and seating 750. On the lower floor of the building are the offices and classrooms of the Preparatory School and the Assembly Hall, which seats three hundred. A second pipe organ is on this floor.

THE INDUSTRIAL ARTS BUILDING (built in 1949) contains teachers' offices, classrooms, and laboratories for courses in home economics, agriculture, wood trades, and drafting.

THE DEMONSTRATION SCHOOL (built in 1947), located northeast of the main campus, combines the functions of parochial school for the community and demonstration school for the Department of Ele-



mentary Education. There are ten classrooms and eight teachers' offices. Each classroom has space for activities. The construction is mainly of fireproof Latisteel.

MU BETA KAPPA (built in 1922), residence hall for men, is one of the two original buildings on the campus. It contains forty-two student rooms and the office and living quarters of the assistant dean of men.

GLADWYN HALL (built in 1922), residence hall for women, is the other original building, erected the first year of the school. It contains forty-three student rooms and the office and living quarters of the assistant dean of women.

CALKINS HALL (built in 1938), residence hall for men, contains the office and living quarters for the dean of men, a dispensary, and sixty-six student rooms.

ANGWIN HALL (built in 1940), the newest residence hall for women, contains public rooms similar to those of Calkins Hall, office and living quarters of the dean of women, and fifty-one student rooms.

SOUTH CHAPEL (built in 1951), a new campus structure, is a place of worship for dormitory men. In addition to being used for morning and evening worship, the building is always open for private devotion. Of modified Gothic style, the building seats three hundred.

THE CAFETERIA (built in 1941) contains on the main floor a dining room seating four hundred, and a smaller dining room known as the "Banquet Room." On the lower floor are located the office and rooms of the Art Department, the printing laboratory, the apartments of the cafeteria director, the kitchen, and the bakery.

COLLEGE HALL (built in 1935), on Campus Drive, is the recreation center for the college. It is used by the Southeastern California Conference of Seventh-day Adventists for its annual camp meeting and by the college during the school year as a gymnasium.

THE INDUSTRIAL BUILDINGS include the La Sierra College Press, the laundry, the college store, and a shop housing wood and metal working equipment, and offices for industrial superintendents.

THE PHYSICAL EDUCATION BUILDING (built in 1946), also located on Campus Drive, adjoins the recreation field and is built around the swimming pool. The building contains shower and locker rooms, offices and classrooms.

THE COLLEGE FARM consists of some four hundred acres; two-thirds of it is under irrigation. Two deep wells equipped with turbine pumps furnish the water for irrigation and domestic purposes. The college has a dairy herd of about two hundred head, and a modern creamery and ice cream plant.

Recently installed at a cost of \$50,000 is the modern sewage disposal plant which takes care of all campus buildings, including residences and veterans' courts.

THE CHURCH (built in 1947), a beautiful house of worship for college and community, is located north of the campus on college



property. It has a seating capacity of more than 2,200 in the main auditorium. A large church pipe organ was installed in the church in the spring of 1952.

The latest addition is a new SCIENCE HALL which houses the Biology and Chemistry departments. Built in a U-shape, the \$160,000 structure contains 30,000 square feet of space for classrooms, laboratories, offices, and a biology museum.

## THE EDUCATIONAL PLAN

*History.* On October 3, 1922, La Sierra opened its doors as the academy of the Southeastern California Conference of Seventh-day Adventists. It was the purpose of the founders to provide educational facilities with a denominational stamp and according to the denominational blueprint. These principles call for a rural setting and instruction by Christian teachers in the arts and sciences of living and service. Each student is required to gain some experience in the area of applied arts, and encouragement is given to work experience on the campus. From the beginning the school has been coeducational, with residence halls on the campus, supervised by members of the staff.

The first college work in teacher training was offered in 1923, and the school acquired the name La Sierra Academy and Normal School. In 1927 the school was raised to the junior college level, and the name was changed to the Southern California Junior College. In 1939 the Northwest Association of Secondary and Higher Schools accredited the college for fifteen grades of work. Within a few months the college became a full sixteen-grade institution, and the California Legislature approved a new charter, changing the name to La Sierra College and authorizing the granting of degrees.

*Accreditation.* La Sierra College is accredited as a college of liberal arts by the Western College Association and by the Northwest Association of Secondary and Higher Schools and is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools. The college is also a member of the American Council on Education and of the Association of American Colleges. It is accredited by the State Department of Education of California to prepare students for elementary education teaching certification.

*Curricula.* The college has organized its studies into two general divisions:

- A. The lower, or junior college, biennium, designed to lay foundations and to survey the principal areas of knowledge.
- B. The upper, or senior college, biennium, designed to build men and women of intellectual maturity prepared for service in community and church affairs, and to provide for the student concentrated study in the field of his chosen profession.

The college also offers a number of semiprofessional and preprofessional curricula designed to serve the needs of students going into the professions of medical technology and medical therapy, dentistry,

dietetics, and nursing, and those preparing for careers in business and teaching.

Those who successfully complete a four-year curriculum, after meeting the graduation requirements of the college, are granted the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music Education.

## GENERAL AIMS AND OBJECTIVES

*The Objectives of La Sierra College.* La Sierra is a coeducational Christian school. As a liberal arts college it seeks to aid the student in the development of a sound mind in a sound body, to help him to achieve that degree of mental proficiency which will enable him to work efficiently, and to train him to a degree of social competence which will make him a responsible and effective member of society. As a Christian school, the college is concerned with the spiritual welfare of its students, with the development of ideals, of character, and of behavior patterns in harmony with the Biblical specifications of a man of God. The philosophy of education to which the college subscribes is well stated in the words of one of the founders of the Seventh-day Adventist denomination: "Education is but the preparation of the physical, intellectual, and moral powers for the best performance of all the duties of life."

### STATEMENT OF OBJECTIVES

In harmony with the conception of education described above, the objectives of the college are defined as follows:

1. *Intellectual Objectives.* The college seeks to develop in its students the ability to do independent and creative thinking and to cultivate in them an acquaintance with the basic facts and principles of the major fields of knowledge, together with a more specialized mastery of one of these fields. Students are expected to develop effective expression in written and spoken English, to acquire an attitude of open-minded consideration of controversial questions, and to develop a continuing intellectual curiosity which will extend through their post-college years.

2. *Spiritual Objectives.* As a church-sponsored institution, La Sierra places large emphasis upon the place of religion in the personal lives of the students. It seeks to establish in them an unswerving allegiance to the principles of the Christian faith, and a sense of personal responsibility to participate in the mission program of the church. Students are encouraged to develop a distinctly Christian philosophy of life as the basis for the solution of both personal and social problems.

3. *Ethical Objectives.* The college endeavors to lead students to the acceptance and practice of those ethical and moral concepts which are approved by the enlightened conscience of mankind, to develop tolerance toward the rights and opinions of others, and to accept the social obligation of serving humanity and striving for its welfare.

4. *Social Objectives.* The social program is designed to guide students in the development of attractive personalities which will

find ready acceptance in a sound social order and which lead to enthusiastic participation in its activities. Students are encouraged to develop an understanding and consistent practice of approved social graces and to participate in recreational activities which contribute to a well-balanced personality.

5. *Aesthetic Objectives.* The college seeks to develop in students an acquaintance with the masterpieces in literature and the fine arts, a knowledge of their historical development, an appreciation of the standards and type of beauty represented by them, and proficiency in their creation and presentation.

6. *Civic Objectives.* The college endeavors to give its students an intelligent understanding of the principles of government and to develop in them a willingness to accept the responsibilities and privileges of citizenship, a recognition of the constitutional rights of other individuals and social groups, a well-founded understanding of the leading domestic and international principles, and a willingness to cooperate in bringing about the improvement of the social order.

7. *Physical Objectives.* The physical education program is designed to give students an intelligent understanding of the principles governing the function and proper care of the body. It seeks also to establish in students a consistent observance of habits and practices which foster maximum physical vitality and health. Emphasis is placed on intelligent recreational use of leisure time and on cooperation with others in the improvement of the physical well-being of society.

8. *Vocational Objectives.* The applied arts program is planned to develop in students an appreciation of the dignity of labor and to give the requisite knowledge and understanding to enable them to choose their vocations intelligently and in harmony with their individual abilities and aptitudes. A program of terminal vocational education is provided which prepares for certain vocational and semi-professional activities. Also offered is preprofessional training which is prerequisite to admission to specialized professional and graduate studies.

*Standards of Conduct.* It is the purpose of the college to develop strong men and women with the high standards of scholarship and the self-discipline necessary for Christian leadership. The campus government and discipline, therefore, are founded upon the principle that character building is the highest object of education and that a good name, standing for integrity, honor, and godliness, is the objective alike of the student for himself and of the college for him.

*Regulations.* No religious test is applied, but all students are expected to give respect to the Word of God, to attend religious services, and to abide by the regulations of the college as listed in the student handbook (supplied on request or when the student is notified of his acceptance), or as announced by the faculty. The regulations at La Sierra College have developed from the experience of students and teachers. Each rule and traditional practice is a guidepost directing the student to successful and effective campus living, left there by



those who have gone before. *Application and enrollment constitute on the part of the student an agreement and a pledge to honor and observe the habits, manners, and regulations prevailing in the college.*

As the college retains to itself complete freedom of judgment in the admission of a student, so also it must be the sole arbiter of the fitness of the student to continue his residence and study in the school. Any student who does not maintain a satisfactory level of scholarship or who, in the judgment of the faculty or its properly authorized committees, is found to be unresponsive or uncooperative in his relation to the objectives of the college, or unfaithful to his pledge, may be deprived of membership without specific charges.

## STUDENT PERSONNEL SERVICE

*Orientation.* All new students are required to attend the program of orientation which precedes registration each year. This program is conducted to familiarize the student with the traditions, ideals, policies, ethics, and regulations of the college. In return, the college endeavors to become better acquainted with the new students so that its personnel will know how and what to advise in each student's college work.

*Guidance.* The guidance program of the college is constructed on the basis of the student's high school record, his college entrance tests, and his own needs. Each entering student is assigned to a faculty adviser and is invited to consult him as frequently as he wishes on personal, academic, or religious matters. Beginning with the student's sophomore year, or as soon thereafter as he has chosen a major field for study, his major professor becomes his adviser, and this relationship remains constant until graduation.

*Placement.* One of the services of the student personnel program of the college is help toward the appointment of its graduates to positions for which they have prepared. This service to seniors and alumni is maintained without fee or commission. The placement office keeps credentials of the graduates and on request transmits copies of the student's record and recommendations to prospective employers.

*Residence.* The greatest profit and enjoyment and the greatest opportunity for full participation in the spiritual, scholastic, and social activities of the college undoubtedly come to the students who live on the campus. Therefore, all unmarried students who do not reside with their parents, close relatives, or legal guardians are expected to live in the residence halls on the campus.

Exceptions are occasionally made for mature and trustworthy students who may, on written request, be given permission to work in approved private homes for their entire room and board.

For information as to room furnishings to be supplied by the student, see the student handbook.

*Health Service.* It is the purpose of the college to encourage the development of the physical powers as well as the mental and spirit-

ual. The health service is under the direction of a registered resident nurse presiding over well-equipped medical units.

Believing that diet plays an important role in the preservation of health, the college maintains a cafeteria where wholesome food is served and where an effort is made to educate the students in the selection of balanced meals.

*The Physical Education Program.* In addition to providing the health service, the college gives attention to physical fitness through recreational opportunities and through courses designed to strengthen and develop the body. These courses include gymnastics and field exercises, swimming for life-saving as well as for health, body-building recreational activities, and instruction in healthful living.

Since so many college students leave school to follow a sedentary profession, one which usually does not continue body-building and may involve considerable strain on the physical and nervous system, an attempt is made to interest each student in some health-building activity which he will carry over into adult life.

## CAMPUS ORGANIZATIONS

Opportunities are offered for growth and experience which leadership in student organizations affords. All campus clubs are governed by a constitution or set of by-laws which have been approved by the college personnel committee.

The *Associated Student Body* provides for the cultural, recreational, and spiritual activity of the college, and furnishes a point of contact between faculty and students. All students become members of this organization upon registration.

The *La Sierra College Chapter of the American Temperance Society* is an organization active in combating the liquor and tobacco traffic and in presenting temperance principles to the world. The society is open to everyone interested.

The *Missionary Volunteer Society* is designed to give opportunity for student expression of Christian ideals. Bands for those interested in medical missionary work, missionary correspondence, literature distribution, and Christian help work are under the direction of this organization.

The *Colporteur Club* promotes interest in colporteur evangelism. All students interested in the aims of this organization are eligible for membership.

*Sigma Phi Kappa* is a club whose objectives are to encourage an expression of individual ideas and to promote social development among the women of the college.

*Mu Beta Kappa* is an organization for the promotion of good will and general culture among the men students.

The *Arts and Letters Guild* is designed to cultivate a greater appreciation of the finer things of life and to provide opportunity for entertaining study of the literary and graphic fine arts. The guild



offers opportunity to those thus interested to gather periodically in an informal way for mutual enjoyment.

The *La Sierra College Biology Club* aims to further the interests of all students of biology; to unify and promote good fellowship with those who desire personal enrichment through its activities; to engender a love for the wholesomeness of personal contact with the out-of-doors. Club members are encouraged to use the facilities of the department for club-sponsored projects. Membership is open to all biology majors and minors. Others interested may become associate members by invitation.

The *College Commercial Club* objectives are to foster a spirit of friendliness and cooperation among commercial students, to aid in training for leadership, and to present current developments and problems in business life. The club meetings are divided equally between social and educational activities.

The *Filomena Club* is open to all preclinical nursing students. Its aim is to foster an interest in nursing and to acquaint the student with some of the trends and current problems in her chosen field.

The *International Relations Club* is open to college men and women wishing to participate in study and discussion of the social, religious, and political interrelations of the nations in today's world. The club is a local chapter of an organization sponsored by the Carnegie Endowment for International Peace.

*Lambda Rho Upsilon* endeavors to foster extracurricular interest in the things and aims of chemistry. Membership is open by invitation to students who elect to major in chemistry. Juniors and seniors qualify for active membership, and students below junior standing qualify for associate membership.

*Le Cercle Francais* aims to foster an interest in France and its culture. Although this club is organized primarily for students in the French department, others who are interested in the French language or in French culture are invited to join.

*Deutscher Verein* is a club designed to create among the students of German an interest in and understanding of the German people, their culture, and their contribution to the world's heritage in the field of language, literature, music, and science.

The *Ministerial Fellowship* is an organization primarily for those men and women who plan to be gospel workers and who wish to begin their service while in college.

The *Physics Club* has for its purpose the fostering of interest in physics and its applications in all fields of human activity. Membership is limited to physics majors and minors. Others who have a special interest in this field may become associate members by invitation. Facilities of the physics laboratory and shop are made available for project work sponsored by the club.

The *Teachers of Tomorrow* organization is a laboratory school for the enrichment of preprofessional experience in educational thought,

leadership, and service. The organization provides an opportunity for future teachers to gain a practical knowledge and appreciation of their chosen profession, its purposes, its possibilities, its problems, and its leaders. This club was the first of its kind to be organized within the General Conference Educational Department, and the name originated on the La Sierra campus.

The *Photography Club*, with its membership composed of those with some experience and much interest in things photographic, serves the double purpose of providing a hobby activity and making permanent pictorial records of important events of the school year.

The *Radio Club* has for its purpose the increasing of knowledge and skill in short wave communication. The club maintains transmitting and receiving equipment for the use of its members.

## PUBLICATIONS

**THE COLLEGE CRITERION.** The college weekly newspaper is written and edited by students and is the official publication of the Associated Student Body.

**THE METEOR.** The yearbook is also written and edited by the students. Its purpose is to present a picture and story of campus life at La Sierra College.

**LA SIERRA COLLEGE BULLETIN.** Annually and semiannually the college issues a bulletin showing the organization of the college, course offerings, financial information, board members, faculty, other staff members, and graduates.

## MISCELLANEOUS INFORMATION

*The Summer School.* The college conducts two summer sessions of six weeks each. For information write to the dean of the college for the summer sessions *Bulletin*.

*The Preparatory School.* The college has connected with it a fully accredited academy or preparatory school. For information write for the *Bulletin* of La Sierra College Preparatory School.

*Communications.* The mail address of the college is: La Sierra College, La Sierra Station, Arlington, California.

The telephone number is Riverside 9180. After 6:00 p.m. and on Sabbath (Saturday), call the following numbers: President, Riverside 9277; Dean, Riverside 9180; Manager, Riverside 9715-J; Dean of Men, Riverside 9261; Dean of Women, Riverside 9267. Student telephones: Angwin Hall, Riverside 9432; Calkins Hall, Riverside 9433; Gladwyn Hall, Riverside 9424; Mu Beta Kappa, Riverside 9787.

The telegraph and express addresses are the same as the mail address.

Tickets over the Santa Fe or the Southern Pacific may be purchased to Arlington; over the Union Pacific, to Riverside.

## ALUMNI ASSOCIATION

The purpose of the La Sierra College Alumni Association is to promote a spirit of fraternity among the alumni and to maintain their interest in the college.

## OFFICERS

Willis Risinger, 29, president  
George T. Harding, '49, vice-president  
Wilfred J. Airey, vice-president  
Mary Dona Bothe, '49, secretary  
Cloey Murray, '50, assistant secretary  
Clarence M. Laue, '48, treasurer  
Cecil Jones, '31, assistant treasurer

# ACADEMIC STANDARDS

## ADMISSION

*Application Procedure.* La Sierra College follows a policy of selective admission. The chief factors considered in determining eligibility are: (1) character, (2) citizenship reputation, (3) scholarship. Formal application is made on blanks supplied by the college, accompanied by a fee of \$2.00 and a picture of the applicant. This application should be on file at the college at least thirty days before the student desires to enter. *Under no circumstances should a student come to the college before he has had formal notice of acceptance by the Admissions Committee.*

The applicant should request the registrar of the school last attended to submit directly to the Office of Admissions an official transcript of record indicating all previous secondary school and college work. It is the responsibility of the applicant to see that such credentials are sent to La Sierra College at the time application is made. Students whose transcripts are not on file at the time of registration may be given provisional admission for a period not to exceed one month, pending receipt of transcript.

All correspondence concerning admissions should be addressed to Admissions Secretary, La Sierra College, La Sierra Station, Arlington, California.

When a student who plans to live in one of the residence halls receives notice of acceptance, he should send \$10.00 for a room deposit, as *notice of acceptance does not automatically reserve a room in the school homes*. When the student registers, the room deposit is applied on his entrance charges.

*Admission of Veterans.* Veterans' applications are considered on the same basis as those of other students. Since many service units have only a temporary life, it is the responsibility of the veteran to have and present official certificates describing any service-connected education for which college credit is desired. Such credit will be allowed on the basis of recommendations found in the *Guide* of the American Council on Education, or in the recommendations of the California Committee. All requests for the evaluation of service-connected education credits should be addressed to the registrar of the college.

Veterans who have not met all formal requirements for admission will be given careful consideration. Those who give evidence of ability to carry college work may be admitted as special students and permitted to remove as many as possible of their high school deficiencies on the college level, afterwards being given regular standing. Those who wish to accelerate their progress toward graduation are encouraged to register in the summer sessions.



Veterans wishing information as to the benefits to which they are entitled and the procedure for obtaining these benefits may apply to the nearest office of the Veterans Administration. Veterans who were citizens of California at the time of induction may obtain additional aid from the California Veterans Welfare Board. Application forms may be obtained from the board office in Sacramento.

*Admission to Freshman Standing.* Graduates of accredited secondary schools may be admitted as regular college students upon presentation of an official transcript certifying completion of 16 units with an average grade no lower than C (where the passing grades are A, B, C, D).

Although the pattern of subjects required for entrance is not rigidly prescribed, it is recommended that the prospective college student give primary emphasis in his high school program to the subjects which are considered especially valuable as preparation for enrollment in a liberal arts college.

*Admission by Examination.* Graduates of unaccredited secondary schools, or graduates who, through no fault of their own, are unable to furnish complete credits may qualify for freshman standing by passing such examinations as shall be determined by the Academic Policies Committee. These examinations should be taken before the students completes his registration.

*Provisional Admission.* Applicants who in the opinion of the Committee on Admissions are qualified to carry college work but who do not fulfil the specified pattern for regular admission may be admitted subject to advisement regarding their curriculum content. Entrance deficiencies must be removed or provided for before the close of the first year of college registration. In many instances deficiencies may be removed by carrying specified courses on the college level.

*College seniors will not be given credit for freshman courses taken in the senior year even though they are required. All such courses must be taken before the student reaches senior standing.*

*Admission to Advanced Standing.* A transfer student wishing advanced standing must present to the registrar an official transcript of record and a certificate of honorable dismissal from a school of recognized collegiate rank. He must have a grade average of at least C in acceptable liberal arts credits. Advanced standing is provisional for the first semester in residence. During this semester the student must maintain an average grade of at least C in order to achieve full standing. No portion of a college record may be omitted by the student applying at La Sierra College for advanced standing.

## CLASSIFICATION OF STUDENTS

*Class Levels.* A student carrying the minimum residence requirement of 12 semester credit hours will be admitted to sophomore standing after successfully completing 28 semester hours, and to upper



division standing after completing (1) 50 hours of lower division courses with at least a 1.0 (C) average and with all lower division requirements completed or in the current registration, or (2) 56 hours of lower division courses with at least a 1.0 average and with all lower division requirements except 12 hours, which must be completed before senior standing is granted, or (3) 60 hours of lower division courses with at least a 1.0 average.

A student is eligible for membership in the organized junior class only if he is carrying to completion at least ninety-two semester hours of credit, has at least 1.0 average, and has a reasonable expectation of completing the requirements for a baccalaureate degree within two semesters after the completion of the junior year. After completing ninety-two hours in an acceptable and appropriate program of studies with at least a 1.0 average, the student is eligible for senior standing and may file his application with the registrar for degree candidacy.

*Special Students.* Students wishing to follow a course of study of their own choosing may be admitted as "special" if the dean of the college is satisfied that their maturity and scholastic background merit admission.

## ACADEMIC REGULATIONS AND PRACTICES

*Registration.* The college has appointed two Welcome Days at the opening of the year for freshmen. The purpose of these days is to introduce the freshman to school life and to help him plan his program. Attendance of all freshman students is required, the only exception being those students who have attended La Sierra College a year but who do not have sufficient credits for sophomore standing. During Welcome Days certain required tests are administered to the freshman, the results of which aid the advisers in their work of counseling and registering the students.

Other students are expected to be present for the regular registration days, which immediately follow freshman registration.

Regular registration is permitted for the first two weeks of the winter semester and for the first three days of the summer sessions. Students wishing to enter later must meet the following stipulations: (1) they must secure permission from the president or dean; if the permission is granted, they must (2) pay a late registration fee of \$5.00; (3) submit to a reduction of class load by one credit hour for each week they are late, including the first two; (4) make up the work missed in the classes to which they are admitted. Counting from the opening of the semester, no student will be accepted for regular class work after four weeks of the winter semesters or three days of the summer sessions.

*Entrance Aptitude and Placement Tests.* Freshman and students new to La Sierra College for whom aptitude and placement scores are not available are required to take tests that provide such scores before

they register. The tests are to be taken on designated days. The college reserves the right to control the scholastic program of the student on the strength of the test returns, as checked against his scholastic record at the time of entering.

All lower division students entering La Sierra College for the first time and all other students who do not have credit in Freshman English from some other college are required to take the English Placement Test. The purpose of this examination is to test the student's ability to write the English language acceptably, demonstrating a knowledge of spelling, grammar, punctuation, and sentence structure. Students who are low on the English Placement Test will be required to enroll in course OA, Functional Grammar and Language Elements, and to continue taking the class until able to pass a satisfactory examination in the subject.

*Class Load Control.* No student will be permitted to take more than sixteen semester hours and Physical Education, except by previous arrangement with the registrar and under the following conditions: no incompletes (I) or warnings (E) are to be incurred, and at least a 1.5 average must be maintained in all classes. The student will be asked to lessen his class load if he does not maintain a grade average of at least 1.0. Under no circumstances does the college permit a student to carry more than eighteen semester hours.

*Program Changes.* A student already enrolled may change his program of studies for sound academic reasons during the first week of a regular semester with the consent of the instructor, the adviser, and the dean of the college. Courses may be dropped during the first six weeks on the same basis. After the first six weeks of a semester, courses dropped will be recorded as failures (Wf), unless the student is forced to drop because of circumstances beyond his control, in which case, if his grade was passing at the time of withdrawal from the class, he may be granted a passing withdrawal (Wp) by the dean of the college.

*Special Examinations.* Under unavoidable circumstances, such as the illness of the student, missed examinations may be made up after advance arrangements have been made with the instructor and a permit secured from the business manager, who is authorized to collect a fee of \$3.00 for each such permit.

*Scholarship Reports.* Reports showing progress grades are issued by the registrar after the mid-semester examinations. Semester grades are issued by the registrar and recorded for permanent reference.

*Private Work and Correspondence.* No student may teach or take private school work or correspondence courses while enrolled at the college without securing permission in advance from the dean of the college. Six lower division hours are the permissible maximum for credit. No such permission can be granted for courses to apply on the major or minor or in the upper biennium. Credits earned in violation of this regulation will not be honored by the college. Credits earned by correspondence after failure in the same course at La Sierra College

will be honored only after the successful passing of a comprehensive examination over the course given by the appropriate instructor in the college. Credits out of harmony with these regulations, including unauthorized summer work, will not be honored by the college. Tutoring service is arranged by the staff with the consent of the Academic Policies Committee.

*Transfer Credits.* Credits from schools outside the United States and its dependencies will be sent to the United States Office of Education for evaluation.

A student transferring credits from another institution must earn a C average computed separately on work taken at La Sierra College in order to qualify for graduation or certification.

*Class Attendance.* Regular attendance at all classes and chapel exercises is required of all students. A leave of absence does not excuse from any college class, and no unexcused absences are allowed without penalty.

*The Semester Hour* is the unit of credit earned by attending one fifty-minute class period a week for one semester of eighteen weeks and satisfactorily meeting the course requirements, credit for each such hour being based on the standard of two hours of preparation for each class period. Three clock hours of laboratory each week, or three fifty-minute periods each week in classes not requiring outside preparation, continued for one semester, are valued at one semester hour of credit.

*The Grading System.* Grade reports and scholastic credit are given in letter grades, as follows:

Grade	Grade Points per Semester Hour
A (excellent) .....	3
B (above average) .....	2
C (average) .....	1
D (inferior) .....	0
F (failure) .....	minus 1
E (warning)	
I (incomplete) (Becomes a failure if not removed within nine weeks after the close of the nine-weeks' period or semester.)	
Wp (withdrew passing) .....	0
Wf (withdrew failing) .....	minus 1

# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

La Sierra College is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools, of the Western College Association, and of the Northwest Association of Secondary and Higher Schools. It is chartered by the State of California to bestow appropriate literary honors upon its graduates, including the baccalaureate degrees. The college confers the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music Education.

The BACHELOR OF ARTS degree is conferred upon students who have fulfilled the general and basic requirements for graduation, with a major field of concentration and an appropriate minor.

Students may select a major from the following:

Biology	Music
Business Administration	Physics
Chemistry	Religion
Elementary Teacher Education	Secretarial Science
English	Social Science
French	Speech
History	Theology
Home Economics	Visual Arts

Minors may be secured in the same fields as the majors (except in Theology) and in addition may be secured in the following fields:

Agriculture	Mathematics
Biblical Languages	Physical Education
Building Construction	Secondary Education
German	Spanish
Journalism	

The BACHELOR OF SCIENCE degree is conferred upon students who complete in a satisfactory manner the professional curricula appearing in this BULLETIN or approved by the Academic Policies Committee. These curricula are as follows:

Building Construction	Home Economics
Business Administration	Nursing Education
Elementary Teacher Education	Secretarial Science

The BACHELOR OF MUSIC EDUCATION degree is offered for those who wish to teach in the field of music. Requirements of the curriculum are listed on pages 69 and 70.

The college also grants certificates to students completing junior college preprofessional and terminal curricula.



## DEFINITION OF MAJOR AND MINOR

A major is defined as a subject concentration of thirty semester hours, or more if so stated in the description of departmental requirements, of which at least fourteen must be in the upper biennium.

The minor is defined as a subject concentration of eighteen or more semester hours, of which at least nine must be in the upper biennium unless otherwise specified in the departmental requirements.

## THE BACCALAUREATE DEGREES

*Entrance Requirements for Curricula Leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Music Education Degrees:*

Graduates of accredited secondary schools may be admitted to curricula leading to the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Music Education upon presentation of an official transcript certifying completion of a minimum of 16 units with at least a C average scholarship record and with distribution as follows:

- a. English                      3 units
- b. A least 1 unit from each of the following fields:
  - (1) Mathematics
  - (2) Natural Science
  - (3) Social Science
- c. Additional units to make up a minimum of two selected from two of the following four fields:
  - (1) Social Science
  - (2) Foreign Language
  - (3) Mathematics
  - (4) Natural Science
- d. Not more than 4 units of the 16 may be in any one field.

### *The General Requirements:*

To prepare for a baccalaureate degree the student must fulfill certain prescribed requirements as to amount, grade, and distribution of work, including:

- a. The completion of the entrance requirements.
- b. The completion of a total of 128 semester credit hours (140 hours if the major is Theology), of which at least forty must be in the upper biennium.
- c. Grade points equal to the total number of credit hours, that is, a minimum over-all average of C.
- d. Satisfaction of the minimum residence requirements as follows:
  - (1) The candidate for a degree must attend La Sierra College for two semesters or three summer sessions and earn a minimum total credit of twenty-four hours.
  - (2) At least twenty-four of the last thirty hours must be earned at La Sierra College.



- (3) At least eight hours in the major field and four hours in the minor field must be earned at La Sierra College.
- e. At least one major and one minor, or two majors, in each case satisfactory to the head of the responsible department. *No grade below C may be counted on either the major or the minor.*
- f. Approval of the candidate for a degree by the faculty on such matters as character and citizenship, in addition to scholarship.
- g. Completion of the basic requirements of the Bachelor's degree. (See below.)

#### BACHELOR OF ARTS DEGREE

##### *Basic Requirements:*

- a. Religion: 12-14. Course 1, 2 for freshmen; Bible Doctrines on either lower or upper biennium (51, 52 or 151, 152) or Daniel and Revelation on either lower or upper biennium (71, 72 or 105, 106). At least 4 hours must be in the upper biennium. A maximum of 4 hours in applied theology or religious history may be included.
- b. Science and Mathematics: 8 or 9 hours, of which 6 must be in science.
- c. Physical Education and Health: 2 hours of health and 2 hours of physical education.
- d. Social Science: 15 hours, 6 hours of which are European Civilization and a minimum of three hours in American History.

Within his sequence of courses the student is expected to meet all state requirements in United States Constitution or government, American History, and California government. This may be done by conforming to any one of the following patterns:

Pattern I. History 1, 2; History 91, 92; and one of the following: Political Science 58 or 59 or History 114.

Pattern II. History 1, 2; History 92; Political Science 55; and one of the following: Political Science 58 or 59 or History 114.

Pattern III. History 1, 2; History 91 or 92; Political Science 57; and one of the following: Political Science 58 or 59 or History 114.

The balance of the fifteen hours should be taken from Psychology 5, Sociology, Geography, Economics 1-2, other political science or elective history.

A student may waive the American History, the United States Constitution or government, the California government, any or all of these, by passing a waiver examination not later than the end of the sophomore year. Students planning to take these examinations should obtain suggested readings from the respective departments before attempting the examinations.

The waiving of these requirements will permit the student to take additional courses in history or the other social sciences to fulfill the fifteen hours required in social science.

e. Language and Literature:

(1) English: 14 hours, including English 1-2 and at least 4 hours of literature; may include 4 hours of speech.

(2) Foreign Language: 14 hours. This may be reduced by 3 hours for each secondary unit in the same language, up to 3 units. Students who wish to begin a new language and who have 2 secondary units or the equivalent in one language need a minimum of 12 hours.

f. Fine Arts: 4 hours, the student to select from Music 63, 64; 111, 112; 113, 114; 161, 162; Visual Arts 55, 56; 117, 118.

g. Applied Arts: 4 hours.

#### BACHELOR OF SCIENCE DEGREE

*Basic Requirements:* The same as for the Bachelor of Arts degree with the exception of the foreign language and the fine arts requirements, which are not required. The Bachelor of Science degree may be obtained in the following fields:

Building Construction	Home Economics
Business Administration	Nursing Education
Elementary Teacher Education	Secretarial Science

#### BACHELOR OF MUSIC EDUCATION DEGREE

*Basic Requirements:* See pages 69 and 70 for requirements of this degree.

## BULLETIN OF GRADUATION

A student may be graduated, provided he does not break residence by as much as a continuous year, under one of these bulletins:

- a. The bulletin he enters under
- b. The bulletin of his junior year
- c. The bulletin of his senior year

If a student breaks residence by as much as a continuous 12-months year, he then may not be graduated under the bulletin of any year previous to his re-entry.

*The responsibility for fulfilling the graduation requirements rests primarily with the candidate for a degree.*

## DIVISIONS OF INSTRUCTION

Available majors and minors are listed in their respective sections. Of the courses listed, those marked with an asterisk (\*) will be offered in 1954-1955; those without this mark will be offered in 1953-1954 if in sufficient demand. Courses marked with the double asterisk (\*\*) are offered as needed by minors or majors, and then only by special arrangement.

The college reserves the right to withdraw a lower biennium class offering for which fewer than ten students have registered.

Courses carrying hyphenated numbers are two-semester courses and must be taken for both semesters before credit can be applied toward any curriculum. Course numbers separated by a comma may be taken for one semester and the credit applied as a complete unit.

Freshman courses are numbered 1 to 49, sophomore courses from 50 to 99. Courses numbered 100 and above are open only to students who qualify for studies in the upper biennium.

The divisions are:

- I. THEOLOGY, RELIGION, AND COGNATE STUDIES
- II. SCIENCE AND MATHEMATICS
- III. SOCIAL SCIENCES
- IV. EDUCATION
- V. LANGUAGE AND LITERATURE
- VI. MUSIC AND ART
- VII. APPLIED ARTS
- VIII. BUSINESS AND SECRETARIAL SCIENCE





# DIVISIONS OF INSTRUCTION

## I

### THEOLOGY, RELIGION, AND COGNATE STUDIES

EDWARD HEPPENSTALL, *Chairman*

THOMAS H. BLINCOE

NORVAL F. PEASE

J. CECIL HAUSSLER

WALTER F. SPECHT

The objectives of this department are these: to foster in students a sense of personal responsibility to God; to lead them into a clear understanding and appreciation of the fundamental doctrines of the church and to an articulate expression of Christian faith; to develop in students ability and spiritual techniques for participation in the organized work of the church, either as official workers or as laymen; to train them to participate in the building of a Christian community, to meet the spiritual, moral, social, and physical needs of men and women everywhere, and to carry the gospel to all the world; to ensure a sound basis for graduate study.

*Theology Major Requirements:* 48 hours, of which a minimum of 20 must be in the upper biennium. Required courses are listed on page 87. All those desiring recommendation for ministerial internships must major in Theology.

*Religion Major Requirements:* 38 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Religion 71 or 105; 72 or 106; 51, 52 (or 151, 152); 56 or 115; 109 or 110; 161 or 162; 141 or 142. A maximum of 8 hours in applied Theology and 6 hours in Religious History will be counted toward a major. For Theology, see page 87.

*Religion Minor Requirements:* 18 hours, including the basic requirements in religion, and Religion 56 or 115. A minimum of 9 hours must be in the upper biennium. A maximum of 4 hours in applied theology or religious history may apply.

#### RELIGION

##### 1, 2. LIFE AND TEACHINGS OF JESUS

A study of the teaching principles, methods of labor, and analysis of the teachings and miracles of Jesus with their application to present-day conditions and needs.

Four Hours

##### 51, 52. BIBLE DOCTRINES

A series of studies on the fundamentals of the Seventh-day Adventist faith, with particular emphasis on Christ and His work in relationship to all other tenets of faith as "the great truth around which all other truths cluster." This course or 151, 152 required of all students for graduation.

Six Hours

##### 56. SPIRIT OF PROPHECY

A creative study of the prophetic gift in its operation in the church, and the relation of its truths, principles, and standards to life problems. For non-theology students only.

Two Hours

**71. PROPHETIC INTERPRETATION I**

The historical and prophetic study of the book of Daniel, tracing the rise and fall of world empires until the final establishment of God's kingdom on earth, with special emphasis on the atonement, judgment, and return of our Lord. This course or 105 required of all students for graduation.

Two Hours

**72. PROPHETIC INTERPRETATION II**

A study of the Revelation in which the whole Bible is gathered together and made to focus on Jesus Christ, His church being seen in its conflict with the forces of evil and apostasy through the ages and in its ultimate triumph. This course or 106 required of all students for graduation.

Two Hours

**105. DANIEL**

An advanced study of Daniel, the objections of and answers to the critics of the Book of Daniel, and particular emphasis and detailed study of the prophetic parts of Daniel. This course or 71 required of all students for graduation.

Two Hours

**106. REVELATION**

An advanced study, particularly applicable to those who are looking forward to the ministry, with emphasis upon eschatology. This course or 72 required of all students for graduation.

Three Hours

**109, 110. OLD TESTAMENT PROPHETS**

An analytical and exegetical study of the Hebrew prophets with careful attention to their historical setting and with special consideration of the eternal principles and practical values of their messages for today. (First semester: Prophets of the eighth century B.C.; second semester: Prophets of Judah, the Exile, and the Restoration.)

Six Hours

**115. GIFT OF PROPHECY**

A course dealing with the Gift of Prophecy in its relation to the origin and progress of the church and its work from its inception to the present time.

Three Hours

**132. ESCHATOLOGY**

The intensive study and chronological organization of the closing events as presented in the Spirit of Prophecy. Offered on alternate years.

Prerequisite: 56 or 115.

Three Hours

**151, 152. FUNDAMENTALS OF FAITH**

A study of fundamental Bible doctrines, particularly the five pillars of Adventist faith, and their relation to the great controversy and personal salvation. This course or 51, 52 required of all students for graduation.

Four Hours

**161, 162. NEW TESTAMENT EPISTLES**

An exegetical study of the Pauline Epistles. The object is to train the student in correct analysis and interpretation of Scripture, with special emphasis on the great truths, historical background, and theological concepts.

Six Hours

**171, 172. PHILOSOPHY OF RELIGION**

An examination of the history and development of religious philosophy with particular emphasis upon Christian philosophy and an evaluation of it. An examination of the Christian concepts of God, creation, nature of man, salvation, and immortality.

Four Hours

## APPLIED THEOLOGY

## 61, 62. PERSONAL EVANGELISM

A thorough study of the fundamental principles of soul-winning together with the preparation and presentation of home Bible readings, stories, and Sabbath School lessons for juniors. This course is designed especially to develop the art of personal service. Four Hours

## 113. HEALTH EVANGELISM

A survey of the principles of healthful living and the use of these fundamental laws of health for evangelism. May be taken only by theology and religion majors. May be applied as credit either in health or in applied religion. Two Hours

## 122. PASTORAL COUNSELING\*

Christian psychiatry applied to the techniques of counseling; the minister's responsibility in the application of therapy. For prospective ministers and social workers. Offered on alternate years. Two Hours

## 127. HOMILETICS

A thorough study of the methods of sermon construction with a detailed application of the analytical and synthetical methods to texts and chapters. Twenty methods in the formation of sermon outlines. Training in platform personality and delivery. Field work in the surrounding local churches. Three Hours

## 128. HOMILETICS

A careful consideration of ministerial ethics, the elements of worship and church organizations. How to conduct such special services as baptisms, the Lord's Supper, weddings, funerals, ministering to the sick, etc. Three Hours

## 137, 138. PUBLIC AND FIELD EVANGELISM

The study and practice of planning, preparing, organizing, advertising, and conducting evangelistic meetings. The class members will actually hold a series of meetings under supervision. Members are eligible for this class only on the recommendation of staff members.

Prerequisites: Religion 51, 52 (or 151, 152) and 127. Four Hours

## RELIGIOUS HISTORY

## 101. ARCHAEOLOGY

A study of the technique of archaeology and its methods, and a survey of the excavations and discoveries in Bible lands with a view to making clear the setting of many of the incidents of the Bible; to provide additional light on and confirmation of the word of God. This course may be applied on degree requirements. Two Hours

## 118. MISSIONS AND MISSION PROBLEMS\*

A study of world missions in prophecy and history. Special stress is given to the problems, methods, and policies of mission work under present-day conditions. This course may be applied on degree requirements. Offered on alternate years. Three Hours

## 134. MANUSCRIPTS OF THE BIBLE

A course showing God's particular care in preserving manuscripts and versions of the Bible. The formation of the canons of the Old and New Testaments, translations, and revisions of the Bible constitute the chief fields of study in this course. Two Hours

**141, 142. HISTORY OF THE CHRISTIAN CHURCH**

The development of the Christian church with emphasis upon the story of the true church, the rise and development of the Papacy, the Protestant Reformation, with the subsequent break-up of Protestantism, and the origin of modern denominations. First semester of this course may be applied on a Religion major but may not be applied on a Religion minor.

Six Hours

**BIBLICAL LANGUAGES**

*Minor Requirements:* 20 hours, of which a minimum of 6 must be in the upper biennium. Before enrolling in Greek courses numbered 100 or above, a student must have completed 12 to 14 hours or the equivalent in that language.

**7-8. BEGINNING NEW TESTAMENT GREEK**

A study of the elements of the Greek language in the vernacular koine of the first century, A.D.; readings from the Gospel and Epistles of John.

Eight Hours

**65-66. INTERMEDIATE NEW TESTAMENT GREEK**

A course in translation and grammatical interpretation of selected readings from the Gospels, the Apocalypse, and the Acts of the Apostles. Further study of the syntax, vocabulary, and Greek idiom of the New Testament.

Six Hours

**145. THESSALONIANS AND CORINTHIANS**

Reading and exegetical study of the Greek text of the leading passages of these great letters with special attention to the historical, grammatical, and textual questions involved.

Three Hours

**146. GALATIANS AND ROMANS**

Reading and exegesis of the Greek text with emphasis upon the textual, syntactical, and historical questions involved.

Three Hours

**149. TEXTUAL CRITICISM OF THE NEW TESTAMENT**

A study of the materials, methods, and history of New Testament textual criticism, with practical exercises using microfilms and facsimiles of manuscripts.

Three Hours

**155, 156. BEGINNING HEBREW**

An introduction to the elements of the Hebrew language; readings from the book of Genesis.

Six Hours

**158. GENERAL EPISTLES**

An exegetical study of the Greek text of the epistles of James, Peter, Jude, and John with attention to the historical, syntactical, and textual problems involved.

Three Hours

**165. ADVANCED HEBREW**

Extensive reading and interpretation of selections from the Hebrew historical books, the prophets, and the Psalms.

(As arranged)



## II

# SCIENCE AND MATHEMATICS

JULIAN L. THOMPSON, *Chairman*

DONALD M. BROWN

LESTER H. CUSHMAN

LLOYD E. DOWNS

LUELLA L. KRETSCHMAR

WILLIAM D. LEECH

JAMES RIGGS

H. RAYMOND SHELDEN

## BIOLOGY

The objective of this department is to use its facilities to achieve an understanding of nature and natural law. The courses are designed to stress scientific methods and disciplines in reaching rational and logical conclusions and to provide offerings from which to choose for personal enrichment or for high professional attainment. The student is motivated through the impelling attraction of learning about living things. Along with the teacher, he learns to appreciate the mystery of life, while his attention is turned to the Author of life.

*Major Requirements:* 30 hours. If plant science is chosen as the field of concentration, the following courses are required: 11, 12, 15, 56, 153, 183 (or 184), and additional plant science upper biennium electives to complete 30 hours. If Zoology is chosen as the field of concentration, the following courses are required: 11, 15, 16, 56, 153, 183 (or 184), and additional zoology upper biennium electives to complete the 30 hours. If general biology (botany-zoology mixture) is chosen, the student may select either of the above groups of required courses and additional upper biennium electives from both fields to complete the 30 hours.

Electives for any combination must have the approval of the head of the department.

Cognate requirements: Chemistry 5-6 and either Chemistry 115-116 or Physics 51-52 (both are highly desirable, as is also Chemistry 134 and 155-156).

Students planning graduate work in biology may need additional hours of undergraduate work in biology and chemistry.

Biology majors should take German or French to meet the language requirement.

Courses 1; 5, 6; 8 and 51 cannot apply on a major.

*Minor Requirements:* 18 hours. The student may choose one of the following groups of required courses: *Group 1.* Biology 11, 12 (or 15, 16); 8 or 56, plus 6 hours from the upper biennium. *Group 2.* Biology 1; 5, 6; 8 or 56, plus 4 hours from the upper biennium.

Electives for the minor must have the approval of the head of the department.



## GENERAL BIOLOGY COURSES

Courses 1, 8, 51, 183 and 184 may be taken by the general college student without prerequisite.

**1. INTRODUCTORY BIOLOGY**

For the general college student whose interests are not primarily in science but who wishes to have an application of biology in relation to his environment. Laboratory: three hours each week. Four Hours

**8. MICROBIOLOGY**

A study of microorganisms for general students. Includes the study of bacteria, yeasts, molds and pathogenic protozoa, rickettsia and viruses. Special emphasis is given to the relation of bacteria to health and disease. Laboratory: three hours each week. Four Hours

**51. NATURE STUDY**

An introductory course in nature study in which the student learns to appreciate a variety of plant and animal forms in their natural state. Helpful to prospective teachers and others who wish an introduction to the subject. Three seventy-five minute class periods and two three-hour laboratory periods each week. Summer only. Two Hours

**151. FIELD BIOLOGY**

An advanced course in field nature study in which the student learns to study, collect, and appreciate a large variety of plant and animal forms in their natural habitats. Technique in identifying and preserving all forms is taught. Three seventy-five minute class periods and two three-hour laboratory periods each week.

Prerequisite: 11, or 15 or equivalent. Summer only. Two Hours.

**153. GENETICS**

A study of the principles of heredity and variation and their causes as demonstrated by animal and plant breeding.

Prerequisites: 11 and 12 (or 15 and 16) or equivalent. Three Hours

**155. CYTOLOGY**

A detailed study of plant and animal mitosis and meiosis to show the relation to genetics and cytogenetics with emphasis in the laboratory on techniques for the study of plant and animal chromosomes. Laboratory: three hours each week.

Prerequisites: 11 and 12 (or 15 and 16) and 153. Three Hours

**162. BIO-ECOLOGY**

A study of interrelations of plants and animals in their life processes and their reaction to the environment. Field trips constitute the major portion of the laboratory work in the course.

Prerequisites: 11 and 12 and/or 15 and 16 or equivalent. Three Hours

**165. MICROTECHNIQUE**

Preparation, mounting, and staining of plant and animal tissues on slides for microscopic study. Laboratory: six hours each week.

Prerequisites: 11 and 12 (or 15 and 16) or equivalent. Three Hours

**183. PHILOSOPHY OF SCIENCE**

A survey of the basic philosophies of science with consideration of the origin and distribution of species. Three Hours

**184. HISTORY AND LITERATURE OF BIOLOGY**

An historical study of the development of the science and the literature of biology, including the step-by-step advancement of modern concepts of biology and the evolution of the scientific method and the scientific paper. Three Hours

**199. PROJECTS AND TOPICS IN BIOLOGY**

Experimental and library study of a selected problem of limited scope may be arranged with the head of the department. May or may not involve original research. Limited to upper division biology majors with a minimum over-all grade point average of 1.5 and of 2.0 in the field of biology.

One or Two Hours

**PLANT SCIENCE COURSES**

Courses 11, 56 may be taken by the general college student without prerequisite.

**11, 12. GENERAL BOTANY**

The fundamentals of plant life as studied through the structure and function of typical forms. The principal groups of the entire plant kingdom are studied and compared. The first semester is prerequisite to the second. Laboratory: three hours each week.

Eight Hours

**56. GENERAL BACTERIOLOGY**

A basic course in bacteriology for student concentrating in science. Designed to broaden the student's view of life and his understanding of nature through the study of the organisms contributing to the balances in nature and those related to decay, fermentation, health, and disease. Laboratory: three hours each week.

Prerequisites: 11 and 12 (or 15 and 16); Chemistry 5-6 desirable.

Four Hours

**121. PLANT PHYSIOLOGY**

A study of plant processes with special emphasis on the processes of osmosis, diffusion, photosynthesis, respiration, and mineral nutrition. Laboratory: three hours each week.

Prerequisites: 11 and 12 or equivalent.

Three Hours

**126. SANITARY BACTERIOLOGY**

Theory and practice in the bacteriology of milk, food, water, and sewage. Standard public health techniques and procedures are emphasized. Laboratory: three hours each week.

Prerequisite: 8 or 56 or equivalent.

Three Hours

**132. SYSTEMATIC BOTANY**

The identification and classification of flowering plants in the local area. Emphasis is on collecting, preserving, and field identification. Laboratory: three hours each week.

Prerequisites: 11 and 12 or equivalent.

Three Hours

**137. PLANT ANATOMY AND MORPHOLOGY**

A study of the microscopic anatomy of plant tissues with emphasis on their origin and development. Laboratory: three hours each week.

Prerequisites: 11 and 12 or equivalent.

Three Hours

**146. MYCOLOGY**

A study of the fungi, including those responsible for plant diseases. Laboratory: three hours each week.

Prerequisites: 11, 12, 8 or 56 or equivalent.

Three Hours

**166. ADVANCED MICROTECHNIQUE**

The preparation of slides for use in teaching and study. The student may concentrate in either plant or animal technique. Laboratory: six hours each week.

Prerequisite: 165 or equivalent.

Two Hours

## ZOOLOGY COURSES

Courses 5, 6, 15, and 158 may be taken by the general college student without prerequisite.

5, 6. ANATOMY AND PHYSIOLOGY

A course for the general college student. Includes the study of the structure and function of the skeleton, the muscles, and the organ systems of the human body, correlated in the laboratory by the dissection of the cat. First semester: three class hours and three laboratory hours per week; second semester: two class hours only.  
Six Hours

15, 16. GENERAL ZOOLOGY

A study of the structure and function of animal organisms. Representative forms of invertebrates and vertebrates of the principal groups of animals are studied and compared. First semester is prerequisite to the second. Laboratory: three hours each week. Eight Hours

103. COMPARATIVE EMBRYOLOGY

A study of gametogenesis, fertilization, cleavage, and early development of representative chordates. Laboratory: three hours each week. Prerequisites: 15 and 16 or equivalent. Three Hours

124. COMPARATIVE ANATOMY

A study of the morphology of the vertebrates. Laboratory: six hours each week. Prerequisites: 15 and 16 or equivalent. Four Hours

128. MAMMALIAN ANATOMY

A laboratory course in which one credit hour is devoted to a detailed dissection designed to teach the anatomy and organ systems of a larger mammal. The second credit hour is earned by the preparation of an articulated skeleton of a mammal selected with approval of the instructor. Laboratory: six hours each week. Prerequisites: 15 and 16 or equivalent. Two Hours

135. ENTOMOLOGY

Insect biology and identification with emphasis on its economic importance. Field work and collections are required. Laboratory: three hours each week. Prerequisite: 15 or equivalent. Three Hours

140. ORNITHOLOGY

Field and laboratory identification of birds with special emphasis on the Pacific States avifauna. Lectures include their taxonomy, life histories, characteristics of songs, migration, habitats, and special modifications. Field and laboratory work combined. Laboratory: three hours each week. Three Hours

143. HISTOLOGY

A descriptive analysis of normal vertebrate tissues and organs, including those of man. The microscopic identification of stained sections is emphasized in the laboratory. Laboratory: six hours each week. Prerequisites: 15 and 16 or equivalent. Four Hours

148. PARASITOLOGY

The study of the common parasites of man and domestic animals. Laboratory each week consists of recognition studies of many typical forms. Laboratory: three hours each week. Prerequisites: 15 and 16 or equivalent. Three Hours

**158. VERTEBRATE PHYSIOLOGY**

A study of the principles of animal function with special attention to processes relating to the metabolism of man. Three Hours

**166. ADVANCED MICROTECHNIQUE**

The preparation of slides for use in teaching and study. The student may concentrate in either plant or animal technique.

Prerequisite: 165 or equivalent.

Two Hours

## CHEMISTRY

In harmony with, and in the spirit of the aims and objectives of the College, the Chemistry Department seeks to equip its pupils for participation in the fields of chemistry, chemical engineering, the health sciences, the teaching of chemistry, and the pursuing of graduate work.

To the non-chemistry major the department offers the vigorous discipline of the chemistry courses, that he may better understand and appreciate the world in which he lives.

*Major Requirements:* The chemistry major must meet the general college requirement in addition to 24 to 32 hours of chemistry in the upper biennium and the approval of the Department of Chemistry.

Required courses: Chemistry 5-6, 50, 115-116, 155-156 and 199.

Cognate requirements: Mathematics 77, 78, Physics 51-52.

Recommended: Biology 11-12 or 15-16 or 11 and 15, Physics 151, 152, German.

*Minor Requirements:* 24 hours. Required courses: Chemistry 5-6, 50, 115-116, and the approval of the chairman of the department.

**1-2. INTRODUCTORY CHEMISTRY**

A beginning course in the practical and theoretical aspects of chemistry. Applies on the basic science requirement for the B. A. degree and meets the prescribed course requirement for certain specific curricula. This course and the second semester of Chemistry 5-6 will give a student eleven hours credit toward graduation; however, only ten hours of this will apply on a major or minor. One additional drill period per week will be required of all pupils who are not making a grade of C or above by the end of the first 6 weeks of each semester. Laboratory: one three-hour period each week. Six Hours

**5-6. GENERAL CHEMISTRY**

A standard freshman course in general college chemistry. Stresses the fundamental principles and theories of chemistry with emphasis on practical aspects. A study of Qualitative Analysis using semimicro methods is included in the second semester's work. Three one-hour lectures per week. Laboratory: two three-hour periods each week. Prerequisite: High school chemistry or physics. Ten Hours

**50. QUANTITATIVE ANALYSIS**

Designed to acquaint the student with the theory, methods, and calculations of gravimetric and volumetric analysis. Proficiency in the



use of the slide rule will be helpful. Laboratory: two three-hour periods each week.

Prerequisites: Chemistry 5-6 and Mathematics 5 or equivalent.

Four Hours

**61. QUALITATIVE ANALYSIS**

Consideration of methods, theories, and problems involved in qualitative procedure. Inorganic qualitative analysis of the common cations and anions in solutions, salt mixtures, alloys. Semimicro methods stressed. Laboratory: two three-hour periods each week. Three Hours

**115-116. ORGANIC CHEMISTRY**

A study of the important classes of carbon compounds, their preparation, characteristic reactions, and application to industry, society, and living processes. Three one-hour lectures each week. Laboratory: two three-hour periods each week.

Prerequisites: Chemistry 5-6. 50 recommended.

Ten Hours

**113-114. ORGANIC CHEMISTRY**

This class is identical with the preceding one with these exceptions: there is only one laboratory a week and the course may not be credited toward the major.

Prerequisites: Chemistry 5-6. 50 recommended.

Eight Hours

**130. ADVANCED QUANTITATIVE ANALYSIS**

A continuation of 50, including volumetric precipitation, gravimetric analysis using organic precipitants, electrolytic determinations, and an introduction to instrumental analysis; calculations and theory. Laboratory: two three-hour periods each week.

Prerequisite: 50.

Three Hours

**134. BIOCHEMISTRY**

A study of the chemistry of the physiological processes of the human body. (Course offered only upon sufficient demand.) Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Four Hours

**141. ORGANIC SYNTHESIS**

A course designed to help fit the student for research. Study is given to such topics as literature search, distribution, extraction, purification and special techniques. Laboratory work consists of the preparation and purification of a number of typical organic compounds. Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Two Hours

**144. QUALITATIVE ORGANIC ANALYSIS**

A course in the classification and identification of organic compounds and mixtures. Laboratory: one three-hour period each week.

Prerequisite: 115-116.

Two Hours

**155-156. PHYSICAL CHEMISTRY**

A study of the fundamental physico-chemical concepts and laws. Three one-hour lectures each week. Laboratory: one three-hour period each week.

Prerequisites: 5-6, Mathematics 77, 78, Physics 51-52.

Eight Hours

**161. CHEMICAL LITERATURE**

A supervised approach to the literature of chemistry. Open to chemistry majors.

One Hour

**199. PROJECTS AND TOPICS**

Individual work in special fields. Open only to seniors.

Two-Three Hours



## PHYSICS

Fostering an intellectual curiosity which will extend through the students' post-college years; imparting an attitude of open-minded consideration of controversial questions and building and appreciation of the part played by physics in everyday living and in international affairs constitute the general objectives of the department. For the physics major there are the additional objectives of adequate preparation for professional training or for graduate work in physics, adequate factual preparation for secondary teaching in physics, preparation for employment under the Civil Service classification of junior scientist, physicist, or similar grade in private industry.

*Major Requirements:* 21 hours upper bienium. Required courses: Physics 51-52; 99; 108; 117; 151, 152; 199 and Mathematics 170. Required cognate: Chemistry 5-6 (General Chemistry). Chemistry 155-156 (Physical Chemistry) is recommended.

*Minor Requirements:* 18 hours, of which a minimum of 8 must be in the upper biennium. Required courses: Physics 51-52 and 151-152.

## 5. INTRODUCTORY MODERN PHYSICS

An introduction to the problems and methods of physics and its significance in daily living. Subject material is largely drawn from the discoveries since 1900. Laboratory: three hours each week.

Four Hours

## 15. RADIO I\*

(May not be applied on a major or minor in Physics. See Applied Arts section for description of course.)

Three Hours

## 16. RADIO II\*

(May not be applied on a major or minor in Physics. See Applied Arts section for description of course.)

Prerequisite: 15 or equivalent.

## 21. PHYSICS OF FLIGHT\*

Basic physical principles for the pilot: engines, aircraft aerodynamics, meteorology. (May not be applied on a major or minor in Physics.)

Two Hours

## 26. ELEMENTARY ELECTRONICS

Introduction to direct and alternating current circuits as applied to electronic devices. Laboratory consists of the quantitative study of simple electrical and electronic circuits. Laboratory: three hours each week.

Three Hours

## 51-52. GENERAL PHYSICS

Mechanics, heat, sound, electricity and light, modern physics. Laboratory: three hours each week.

Prerequisites: Mathematics 5, 8 and high school chemistry or physics.

Eight Hours

## 53, 54. PROBLEMS IN PHYSICS

A problem-solving course on the General Physics level for majors and minors and others desiring additional work at this level. Two Hours

## 99. COLLOQUIUM

Student reports and discussion of current research and physics applications. Limited to physics majors and minors with at least enrollment in 51-52.

One Hour

**106. HEAT AND THERMODYNAMICS\***

Heat transmission, kinetic theory, change of state, specific heats, elementary thermodynamics. Laboratory: three hours each week.  
Prerequisites: 51-52 and Mathematics 77, 78. Four Hours

**108. ELECTRICITY AND MAGNETISM**

Electric and magnetic fields; circuits having resistance, inductance and capacitance. Laboratory: three hours each week.  
Prerequisites: 51-52 and Mathematics 77, 78. Four Hours

**117. LIGHT**

Refraction and reflection, wave motion, diffraction and interference, polarization. Laboratory: three hours each week.  
Prerequisites: 51-52 and Mathematics 77, 78. Four Hours

**151, 152. ATOMIC AND NUCLEAR PHYSICS**

A study of atoms and sub-atomic particles and radiation and their relation to the ultimate structure of matter. The first semester is a prerequisite to the second.  
Prerequisites: 51-52 and Mathematics 77, 78. Physics 108 and 117 recommended. Six Hours

**161, 162. ELECTRONICS**

A study of electron tubes and their associated circuits, with applications. The first semester is a prerequisite to the second. Laboratory: three hours each week.  
Prerequisites: 51-52, 108 and Mathematics 77, 78. Six Hours

**170. ANALYTICAL MECHANICS**

An introduction to the methods of mathematical physics, statics, kinematics, and dynamics of particles and rigid bodies; vectors. May also be applied on mathematics minor.  
Prerequisites: Mathematics 114 and Physics 51-52. Three Hours

**177. ADVANCED PHYSICAL MEASUREMENTS**

Formal laboratory work in upper division physics. May be repeated in a different subject for credit. Laboratory: three hours each week.  
Prerequisites: An upper biennium course in the same field and consent of the department head. One Hour

**199. PROJECTS AND TOPICS IN PHYSICS**

Experiential and library study of a specific problem under the direction of a staff member. Limited to upper biennium physics majors and minors. One-two Hours

**MATHEMATICS**

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium. Required course: Mathematics 77, 78.

**1, 2. ELEMENTARY MATHEMATICS**

A course in beginning Algebra and Geometry. Four Hours  
(Not counted toward Mathematics minor.)

**5. INTRODUCTORY COLLEGE ALGEBRA**

Brief review of high school algebra with additional topics of particular interest to science students. Not counted toward a mathematics minor.  
Prerequisite: High school algebra or course 1, 2. Three Hours

**8. MATHEMATICAL PREPARATION FOR PHYSICAL SCIENCE**

Trigonometry, plane analytical geometry; familiarization with methods of formal differentiation and integration.  
Prerequisite: 5 or equivalent. Meets five days. Five Hours

## 51. ADVANCED ALGEBRA

Simultaneous quadratic equations; determinants, binomial theorem; progressions; permutations; combinations. (Given only on sufficient demand.)

Prerequisite: 5 or equivalent.

Three Hours

## 77, 78. CALCULUS I AND II

Differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions, with applications to geometry and physics. The first semester is prerequisite to the second.

Prerequisite: 8 or equivalent.

Six Hours

## 101. ADVANCED TRIGONOMETRY

Additional work in plane trigonometry; the solution of spherical triangles. (Given only on sufficient demand.)

Prerequisite: 5, 8.

Two Hours

## 102. ADVANCED ANALYTICAL GEOMETRY

Advanced topics in plane analytical geometry, and solid analytic geometry. (Given only on sufficient demand.)

Prerequisite: 8 or equivalent.

Three Hours

## 105. THEORY OF EQUATIONS

Elementary theory of algebraic equations; determinants. (Given only on sufficient demand.)

Prerequisite: 51.

Two Hours

## 111. CALCULUS III

More advanced topics in calculus and an introduction to ordinary differential equations.

Prerequisite: 77, 78.

Three Hours

## 114. DIFFERENTIAL EQUATIONS

Methods of solution of ordinary differential equations.

Prerequisites: 77, 78 with 111 recommended.

Three Hours

## 170. ANALYTICAL MECHANICS (See Physics section for description of course.)

Three Hours

### III

## SOCIAL SCIENCES

WILFRED J. AIREY, *Chairman*

CHARLES B. HIRSCH

RALPH L. KOORENNY

GEORGE T. SIMPSON

The Social Science Division directs the student to current problems in the light of social experience. The great principles which are basic to society are evaluated in an effort to build in the mind of each individual a constructive philosophy of history and of life. An understanding of the past, an appreciation of the present, and a preparation for intelligent participation in society are emphasized as fundamental to good citizenship. Rich living now is a sure foundation for a richer life in the hereafter.

The graduate with a background in the social sciences should go forth a better-trained individual in the skills of criticism so that not only will he be able to listen to new ideas and concepts, but he will also be objective in his evaluation of them.

*History Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: History 1, 2 and 91, 92.

*History Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium. Required courses: History 1, 2; 91 and/or 92, or equivalent. Only 3 hours of History 141, 142 may apply on a minor. History 55 and 56 may not apply.

*Social Science Major Requirements:* 45 hours with no less than 8 nor more than 18 hours in one field of concentration; a minimum of 20 hours must be in the upper biennium. Required courses: Geography 52; Political Science 57, 58; Sociology 61, 62; and Economics 188. This major is designed for students wishing to pursue a broad educational program with special emphasis on the social sciences. The minor must be in a non-social science field. A minor in biology is recommended for persons preparing for graduate study in social service.

*Social Science Minor Requirements:* 18 hours, of which a minimum of 8 must be in the upper biennium. No history courses may apply on this minor. Students should have at least 8 hours in one field of the social sciences.

### HISTORY

#### 1, 2. EUROPEAN CIVILIZATION

A study of the growth of European states from the ancient period to the present time.

Six Hours

#### 55, 56. UNITED STATES CONSTITUTION (Constitutional History)

(See Political Science 55, 56.)

Four Hours



- 91, 92. **AMERICAN HISTORY AND INSTITUTIONS**  
The social, cultural, political, and constitutional development of the United States from the period of colonization to the present. This course fulfills the state requirement in American History and Constitution. Six Hours
103. **THE ANCIENT WORLD**  
The ancient kingdoms of the Near East, Egypt, and Greece, particularly as they relate to Bible history. Two Hours
104. **THE ROMAN WORLD\***  
The Republic and Empire to the Fall of Rome. Two Hours
- 107, 108. **BRITISH CIVILIZATION**  
England and the Empire to the present. Four Hours
111. **THE AMERICAN WEST**  
The exploration and settlement of the American West. Statehood and progress in the western United States. Two Hours
114. **CALIFORNIA HISTORY**  
The history of California during the Spanish and American periods down to the present. Two Hours
- 121, 122. **LATIN AMERICA**  
The colonial and the national periods. Four Hours
- 125, 126. **EUROPE SINCE 1914\***  
Europe from World War I to the present. Four Hours
- 141, 142. **HISTORY OF THE CHRISTIAN CHURCH**  
The Christian Church, the Papacy, and the Protestant Churches. Six Hours
151. **THE RENAISSANCE**  
An intensive study of the economic, literary, and artistic developments of the period. Three Hours
154. **THE REFORMATION**  
The revolt against Rome and medievalism, and the rise of the Protestant Church. Three Hours
157. **FRENCH REVOLUTION AND NAPOLEON\***  
The social and political forces of the era of revolution to 1815. Three Hours
158. **NINETEENTH CENTURY EUROPE\***  
The States of Europe in the nineteenth century with emphasis on the rise of nationalism and the backgrounds for World War I. Three Hours
161. **CIVIL WAR AND RECONSTRUCTION\***  
The causes for, campaigns of, and results of the Civil War. Two Hours
- 163, 164. **AMERICAN DIPLOMATIC HISTORY\***  
Developments in American diplomatic history from the Revolution to the present. Four Hours



## POLITICAL SCIENCE

## 55. 56. UNITED STATES CONSTITUTION

A study of the development of the Federal Constitution from its early beginnings to 1860. The second semester considers the period from 1860 to the present time. Stress is placed on American institutions in their relation to the Constitution. This course may apply on a history major but not on a minor. The second half of this course (56) does not apply on state requirement.

Four Hours

## 57. AMERICAN NATIONAL GOVERNMENT

A study of the structure and functions of the national government of the United States, with detailed consideration given to the Federal Constitution as a basis of our government. This course satisfies the State requirement in United States Constitution.

Two Hours

## 58. AMERICAN LOCAL AND STATE GOVERNMENTS

A study of the organization, processes, politics, and administration of the State and local governments in the United States. This course satisfies the State requirement in California Constitution and Government.

Two Hours

## 59. CALIFORNIA CONSTITUTION AND GOVERNMENT

This course satisfies the State requirement for the study of state and local government in California.

One Hour

## 131. WORLD POLITICS

A study of the forces and conflicts operating in international relations and world affairs with special attention given to the foreign policies of the great powers considered from the historical, political, and economic viewpoint.

Three Hours

## 132. COMPARATIVE GOVERNMENTS

A comparative study of the backgrounds, constitutional organization, and activities of the government of England, France, Germany, and Russia.

Three Hours

## 167. INTRODUCTION TO POLITICAL THEORY\*

A survey of the main currents of political thought from Plato to the present time.

Three Hours

## 169. PUBLIC OPINION AND PROPAGANDA

(See Sociology 169.)

Three Hours

## 171. AMERICAN POLITICAL PARTIES

An analysis of the organization, functions, and activities of political parties, primarily in the United States.

Two Hours

## SOCIOLOGY

## 61. FUNDAMENTALS OF SOCIOLOGY

An introductory course to survey, analyze, and define materials in the field of social processes, social changes, social forces, and the general relation of culture to society.

Three Hours

## 62. SOCIOLOGICAL PROBLEMS\*

A systematic treatment of the more important contemporary problems including juvenile delinquency, vice, alcoholism, and drug addiction, mental and physical deficiency, and other problems which may be especially prominent before our society at a particular period.

Prerequisite: 61.

Three Hours

## 169. PUBLIC OPINION AND PROPAGANDA

A study of the problems and processes in the formation of public opinion and how public action may be organized through the use of propaganda and pressure groups. Three Hours

## 174. HUMAN RELATIONS

A study of the ethics of human relationships, standards of community life, and the marriage-family system: its development, modern functions, characteristics, and maladjustments. Two Hours

## ECONOMICS

## 1-2. PRINCIPLES OF ECONOMICS

A study of the agricultural and industrial organization of production; labor organizations; the money and credit system; national income analysis; economic policies; comparison of economic systems. Six Hours

## 123. MONEY, BANKING, AND CREDIT\*\* (See Business section for description of course.) Three Hours

## 141. CURRENT ECONOMIC PROBLEMS

The significance and application of principles to current social and economic problems.

Prerequisite: 1-2.

Three Hours

## 188. ELEMENTS OF STATISTICS (See Business section for description of course.) Three Hours

## PSYCHOLOGY

## 5. GENERAL PSYCHOLOGY

(See Education and Psychology section for description of course.) Three Hours

## 107. PERSONALITY AND MENTAL HYGIENE

(See Education and Psychology section for description of course.) Two Hours

## 101. PSYCHOLOGY OF ADOLESCENCE

(See Education and Psychology section for description of course.) Two Hours

## GEOGRAPHY

## 52. PRINCIPLES OF GEOGRAPHY

The new geography stresses the interpretative rather than the informational, since facts are not by nature geographic. Information is not the aim of the course, but a means by which the aim can be accomplished, that aim being an understanding of relationship. Three Hours

## IV EDUCATION

GEORGE T. SIMPSON, *Chairman*

H. EUGENE BATES

DORIS H. BROWN

MAUDIE BRYAN †

ANNA P. EDWARDSON

MAYBEL JENSEN

DOROTHY KUESTER

WILLIAM J. NAPIER

MAX N. WILLIAMS

### EDUCATION AND PSYCHOLOGY

The Department of Education has as its major purpose the preparation of teachers for the elementary, junior academy, and secondary schools. The following courses provide for a selection by the student who is seeking to fulfill the general requirements for the major or minor in Elementary or Secondary Education as specifically stated for each department.

La Sierra College is accredited by the California State Board of Education to prepare candidates for the General Elementary Credential.

General Psychology 5 is a basic requirement to all education and psychology courses except 61 and 162.

#### 5. GENERAL PSYCHOLOGY

A foundation course designed to help the student understand and explain the behavior of others and thereby be better equipped to predict and control his own life and influence the lives of others. (Not applicable toward an education major or minor.) Three Hours

#### 61. PRINCIPLES OF EDUCATION

A survey of the basic principles of education. Three Hours

#### 70. CHILD GROWTH AND DEVELOPMENT

A course planned to deal with a study of the mental, emotional, social, and physical development during the childhood. Two Hours

#### 101. PSYCHOLOGY OF ADOLESCENCE

A course dealing with the most significant problems in adolescent development, with special emphasis upon the psychological principles that govern behavior. Two Hours

#### 103. AUDIO-VISUAL MATERIALS IN INSTRUCTION

A course designed to acquaint the student with the various audio-visual materials as they affect learning. Development and analysis of materials of instruction and their presentation; operation and care of equipment. Two Hours

#### 107. PERSONALITY AND MENTAL HYGIENE

A study of the constructive and preventive contributions of education to mental health and personal growth. Emphasis is placed on basic attitudes that influence behavior and on methods of working with these attitudes, individually and in groups, to develop more constructive behavior. Two Hours

† On leave 1953-1954.

## 114. EDUCATIONAL PSYCHOLOGY

A survey of the various psychological processes important to learning and its management, with special emphasis upon the significance of psychology in various teaching procedures. Three Hours

## 150. PRINCIPLES OF GUIDANCE

A course devised to emphasize principles, methods, organization, and aims in the educational, vocational, and civic-ethical-social guidance of students on the elementary and secondary level. Two Hours

## 155. TESTS AND MEASUREMENTS

A study of the principles of educational measurement together with the use, evaluation, and interpretation of tests as they pertain to the elementary and secondary grades. Three Hours

## 156. SCHOOL ADMINISTRATION

A study of the general administrative problems applicable to elementary, junior academy, and secondary school. Finance, public relations, guidance, personnel, curriculum development, and the supervision of extracurricular activities. Three Hours

## 162. PHILOSOPHY AND HISTORY OF EDUCATION

The philosophy and history of sacred and secular educational writings. Emphasis is given to the concepts of representative educational thinkers as their philosophy applies to modern educational thought. (Not open to students with credit in 61.) Three Hours

## 172. CULTURAL RESOURCES AND EDUCATION

A workshop concerned with the national resources which may be adapted for educational use. The course constitutes a professional cross-country field trip to the various locations of Americana of historical and literary interest and the evaluation of such resources for teaching. Summer session only (eight weeks). Six Hours

## 199. EDUCATIONAL PROJECTS

Open only to students in the field of education upon permission of the instructor. One-Two Hours

## ELEMENTARY TEACHER EDUCATION

*Major Requirements:* 32 hours, of which a minimum of 15 must be in the upper biennium. The basic requirements are the same as for a Bachelor of Arts degree. Two minors are required for an Elementary Education major. Modern language is not required of students who select English as one of the required minors, and who present two units in the same modern language on the secondary level. Required courses: Education 51; 64; 65; 61 or 162; 70; 103; 114; 125; 126; 155 and directed teaching (55, 56; 131, 132; and 185, 186), 8 hours. Cognate required courses should include credit in art, music, and other fields selected in consultation with the major adviser.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium.

## 51. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL

A course designed to give the prospective teacher a practical knowledge of the teaching process. Attention will be directed to problems associated with personnel, curriculum, management, organization, techniques of teaching, ethics, and community relationships. Three Hours



## 52. ART EDUCATION

A study of the fundamental art principles as applied to the art of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (See Department of Art.)

Two-Three Hours

## 55, 56. TEACHING I

Observations, readings, and discussions of some of the various aspects of classroom situations, including storytelling, which will give prospective teachers an understanding of the principles involved in teaching, with special reference to the preparation needed for beginning teaching.

Two Hours

## 64. ARITHMETIC IN THE ELEMENTARY SCHOOL

A course for teachers of arithmetic in the first eight grades. Attention is given to making arithmetic learning a meaningful experience. The student is required to make a grade of B in subject matter. Two Hours

## 65. READING IN THE ELEMENTARY SCHOOL

A study of the procedures used in teaching children to read in the elementary school. Emphasis will be given to reading readiness, beginning reading, independence in word recognition, and development of reading skills. Daily observation and participation in the Demonstration School provides an opportunity for the analysis of individual and group reading problems. No grade below a C is acceptable for credit in directed teaching. An average of C in all college work is required for admittance to and continuance of directed teaching

Two Hours

## 67. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

A study of the aims, scope, organization of materials and activities in music in elementary schools, with attention to elementary choral and instrumental (song flutes, rhythm band) work, use of the radio in music class, the development of fundamental skills and appreciations. (See Department of Music.)

Two Hours

## 125, 126. ELEMENTARY SCHOOL CURRICULUM AND METHODS

A survey of the work of the elementary school in terms of activities, materials, and methods in Bible, reading, English, spelling, handwriting, history, geography, and civics.

Four Hours

## 131, 132. TEACHING II

A comprehensive study of classroom activities, management, and organization, and evaluation of instructional materials in terms of the experiences and social needs of the learner, through observation and teaching under the guidance of a supervisor, and a directing teacher. No grade below C is acceptable for credit in directed teaching. An average of C in all college work is required for admittance to and continuance of directed teaching.

Prerequisite: Satisfactory achievement in the standard school subjects.

Three Hours

## 185, 186. TEACHING†

A study of the entire elementary school program; selection, organization, and evaluation of curricular materials and teaching procedure, including comprehensive teaching as part of the laboratory work. This course requires senior standing, the completion of at least one semester in residence, and a grade point average of at least 1.0 in all college work attempted in the first three years. Each basic methods course must carry at least a grade of C.

One-Four Hours

† At least two semester hours of student teaching must be completed at La Sierra College by candidates for degrees, regardless of the amount of similar credit received elsewhere.



## SECONDARY TEACHER EDUCATION

*Minor Requirements:* 20 hours, of which a minimum of 12 must be in the upper biennium. In electing courses for a minor in Secondary Education, the student is expected to meet the professional requirements of the state or organization in which he expects certification. This generally includes a minimum of 15 hours in professional education. Four hours of directed teaching are required, either in the major or minor field. The following courses are recommended for the minor: 61 or 162; 101; 103; 107 or 150; 114; 155; 165; 181; 190.

## 165. PRINCIPLES OF SECONDARY TEACHING

The problems of teaching; objectives of the secondary school; learning activities with desired outcomes; methods of planning, organizing, stimulating, and directing classroom activities, and measuring their outcomes.

Two Hours

## 181. SPECIAL METHODS OF SECONDARY TEACHING

A study of the general methods and specific techniques which may be adapted to secondary teaching in the following areas:

Language Arts and Literature

Science and Mathematics

Religion and Social Sciences

Two Hours

Music (See Music 181.)

Typewriting and Shorthand (See Secretarial Science 181.)

Home Economics (See Home Economics 181.)

Physical Education (See Physical Education 181.)

Speech (See Speech 181.)

## 190. OBSERVATION AND DIRECTED TEACHING IN THE SECONDARY SCHOOL

A course in which the student teacher observes, participates in class activities, makes lesson plans, and teaches under the supervision of the secondary school supervisor and with the counsel of the head of the college Department of Secondary Education. The student must be recommended by his major professor and accepted by the director of teacher education before registering for this course.

Prerequisites: 165, 181.

Four Hours

## HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education offers every student an opportunity to participate in a program designed to aid in the development of physical efficiency, healthful living, social cooperation, and intelligent use of leisure time.

In addition to courses being offered to meet the health and physical education requirements, a minor in health and physical education is available for both men and women interested in education, social work, or recreational vocations.

All students are required to have regulation gym suits and tennis shoes at the time the students enter the class.

*Minor Requirements:* 24 hours, of which a minimum of 10 must be in the upper biennium. Required courses: 8 to 10 hours in technique courses which must include 67, 122; Theory courses 59, 75, 171; Anatomy and Physiology 5, 6.

## SERVICE COURSES

## 7, 8. FRESHMAN PHYSICAL EDUCATION

Required of all freshmen.

First semester: Orientation, skill testing, motor ability, and conditioning are stressed in this introductory course. Men students who do not pass the Medical Cadet test will register for the MCC section.

Second semester: Social, physiological and recreational activities. Students who do not pass the required swimming test will register for the swimming section. One Hour

## 11, 12. CORRECTIVE PHYSICAL EDUCATION

Exercises for correcting minor functional and structural defects; emphasis on posture; importance of relaxation; health and posture problems. This course is designed as a substitute for 7, 8 and 55, 56 for those students whose physical activities are restricted. One-Two Hours

## 55. COOPERATIVE ACTIVITIES

A variety of activities taught for social values.

Prerequisites: Passing required Swimming Test.

One-Half Hour

## 56. ADULT ACTIVITIES

A variety of carry-over activities taught for recreational values.

Prerequisites: Passing required Swimming Test.

One-Half Hour

## TECHNIQUE AND THEORY COURSES

## 5, 6. ANATOMY AND PHYSIOLOGY (See Biology section for description of course.) Six Hours

## 16. MEDICAL CADET SCIENCE

Study in organization of the medical department and basic fundamentals required of the medical soldier. One Hour

## 17. BODY MOVEMENT AND CONDITIONING

For minors.

One Hour

## 18. TRACK AND FIELD

For minors.

One Hour

## 22. ELEMENTARY AQUATICS

For minors.

One Hour

## 59. HEALTH PRINCIPLES

A study of the principles governing community and personal health and how these principles may be successfully applied to daily living. Special emphasis is placed on denominational standards. Two Hours

## 65. FALL TEAM ACTIVITIES

For minors. Flagball, Basketball (men)

Soccer, Basketball (women)

One Hour

## 67, 68. ELEMENTARY GYMNASTICS

For minors and members of the Gymkana Troup.

Two Hours

## 75. PRINCIPLES OF HEALTH AND PHYSICAL EDUCATION

The principles underlying the educational procedures in the health and physical education program. Two Hours

## 105. CO-RECREATIONAL ACTIVITIES

For minors. Archery, Badminton.

One Hour

- |   |               |
|---|---------------|
| 106. INDIVIDUAL ACTIVITIES<br>For minors.   | One Hour      |
| 122. ADVANCED AQUATICS<br>Swimming, diving, water polo and life saving.<br>Prerequisite: Permission from instructor.  | One Hour      |
| 126. SPRING TEAM ACTIVITIES<br>For minors. Volleyball, Softball.  | One Hour      |
| 127, 128. INTERMEDIATE GYMNASTICS<br>For minors and members of the Gymkana Troup.   | Two Hours     |
| 132. SAFETY AND PREVENTION OF INJURIES<br>First Aid safety measures, bandaging and massage for the prevention of injuries.  | Two Hours     |
| 151. COMMUNITY RECREATION<br>A course designed to fill the need for recreational leadership.  | Three Hours   |
| 157, 158. ADVANCED GYMNASTICS<br>For minors and members of the Gymkana Troup.   | Two Hours     |
| 171. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION<br>The organization and administration of the health and physical education program on the elementary and secondary levels.<br>Prerequisite: 75. | Three Hours   |
| 181. SPECIAL METHODS IN PHYSICAL EDUCATION<br>Prerequisite: Six hours Education.  | Two Hours     |
| 199. SPECIAL PROBLEMS IN HEALTH AND PHYSICAL EDUCATION<br>Open only to students in the field of education upon permission of the instructor.  | One-Two Hours |

## NURSING EDUCATION

For nurses a five-year combined curriculum is offered, leading to a degree of Bachelor of Science in Nursing Education with a minor in Biology, Social Science, or Secondary Education. Candidates for a degree must be graduate, registered nurses, having spent three years in an accredited school of nursing. Nurses who have completed the prenursing curriculum may meet the requirements for a degree with approximately 42 semester hours additional work, according to the following schedule:

Preprofessional course	32 hours
Professional course (individually evaluated), a maximum of	54 hours
Additional courses to meet academic requirement for graduation	42 hours
Total	128 hours

In consultation with the faculty adviser, the student may select from the following courses recommended for the advanced professional curriculum:

Education and Social Sciences	6 - 18 hours
Educational Psychology	
Principles of Guidance	
Tests and Measurements	
Audio-Visual Materials in Instruction	
Philosophy and History of Education	
Economics	
American History (required)	
Sociology	
English and Speech	6 - 8 hours
Speech (2 hours required)	
Literature (4 hours required)	
Religion	4 - 5 hours
Science	6 - 9 hours
General Physiology (required for a minor in biology)	
Nursing Education	10 hours
Community Nursing and Community Resources	
Foundations of Nursing Education	
Ward Management and Teaching in a Head Nurse Unit	
Trends in Clinical Nursing	
Progressive Methods in Clinical Teaching	

*Major Requirements:* In addition to work taken in the school of nursing and the basic requirements for the Bachelor of Science degree, 10 semester hours are required in the field of Nursing Education.

#### 1. HISTORY OF NURSING

A study of the history of the growth of nursing from ancient times to the present. Emphasis is placed on modern professional problems.  
Three Hours

#### 105. FOUNDATION OF NURSING EDUCATION

A survey of the growth and development of nursing education from the past to the present time.  
Two Hours

#### 147. WARD MANAGEMENT AND TEACHING IN A HEAD NURSE UNIT

A study of the management of ward service. Includes a study of the physical plant and equipment with consideration of problems of hospital or sanitarium management. Definite emphasis is given to ward teaching.  
Two Hours

#### 152. COMMUNITY NURSING AND COMMUNITY RESOURCES

This course is designed to familiarize the student with agencies engaged in the promotion of health.  
Two Hours

#### 158. TRENDS IN CLINICAL NURSING

A study of some of the recent developments, trends, and current problems facing the nursing profession and the education of nurses. A careful survey is made of current developments in the various aspects of patient care.  
Two Hours

#### 160. PROGRESSIVE METHODS IN CLINICAL TEACHING

A survey of methods most effective in teaching the clinical courses in nursing. Evaluation of technique used in class and clinical practice will be a part of the class requirement. Taught on the Loma Linda Campus of the College of Medical Evangelists.  
Two Hours

#### PRENURSING

(See Curriculum on page 91.)



# V

## LANGUAGE AND LITERATURE

THOMAS A. LITTLE, *Chairman*

MARGARETE AMBS  
LILLIAN L. BEATTY  
HELEN F. LITTLE

LAWRENCE E. MOBLEY  
EDWARD NACHREINER  
MABEL CURTIS ROMANT

### ENGLISH

The English Department aims to equip the general college student with (a) information and spirit for the profitable enjoyment of literary art and history and (b) efficiency in organizing his thoughts into effective compositions. Additional aims for the English major are scholarship in literature and composition adequate to teaching, and preparation for graduate study in English.

*Major Requirements:* 30 hours in addition to English 1-2, with a minimum of 15 in the upper biennium. Prescribed courses: English 51, 52; 61, 62; 105-106; and 197-198. 105-106 may be waived by credit in Journalism 55-56 or its equivalent, though only two of the hours of Journalism may apply as English. A related requirement, in addition to the basic history requirement, is a full-year course in British Civilization (107, 108).

*Minor Requirements:* 18 hours in addition to English 1-2, with a minimum of 8 in the upper biennium. Prescribed courses: English 51, 52; 61, 62; and 105-106. 105-106 may be waived by credit in Journalism 55-56 or its equivalent, though only two of the hours in Journalism may apply as English. A related requirement is a full-year course in either History 91, 92 or 107, 108.

#### OA FUNCTIONAL GRAMMAR AND LANGUAGE ELEMENTS

A concentrated non-credit review course prerequisite to English 1-2 for all students who do not pass the English Placement Test.

Fee: \$20.00.

No Credit

#### 1-2. FRESHMAN ENGLISH

1 Training in writing and reading.

2 An introduction to the study of literature, with further training in writing.

English 1-2 is prerequisite to any other course in English. Six Hours

#### 51, 52. AMERICAN LITERATURE

A study of the more important aspects of the history of American literature and of the typical work of the significant authors from the seventeenth century to about 1900.

Four Hours

#### 61, 62. ENGLISH LITERATURE SURVEY

A study of the more important aspects of the history of English literature and of the typical work of the significant authors from Beowulf to about 1900.

Six Hours



100. **METHODS AND MATERIALS OF LITERARY CRITICISM\***  
Explication and valuation of literary texts and study of the various principles of literary judgment. Three Hours
- 105-106. **ADVANCED COMPOSITION**  
Advanced study of the principles of effective composition; practice in creative writing by types. Four Hours
110. **SURVEY OF LINGUISTICS AND GRAMMAR**  
Divided between the history of the language and a study of current grammar. Not for those who need a course in basic grammar. Not applicable on the literature requirement for the Bachelor of Arts degree. Two Hours
- 113, 114. **WESTERN WORLD LITERATURE**  
Reading and study of selected literary monuments of Western culture. The second semester carries no credit to English majors or minors or to others who have credit in English 62. Four Hours
- 151, 152. **AMERICAN LITERARY MASTERS**  
Extensive study of selected major writers significant in American literary history. (Students who have had other courses in literature and are well prepared in American history are eligible for this course.) No credit to those with credit in English 51, 52. Four Hours
- 155-156. **OLD AND MIDDLE ENGLISH\***  
The Old English is studied in translation. The Middle English, mostly Chaucer's works, is studied in the original. Six Hours
160. **MILTON\***  
The works of John Milton, all of the poetry and the more significant prose studied in the light of the historical and literary setting. Two Hours
- 161, 162. **LITERATURE OF THE ENGLISH RENAISSANCE\***  
The first semester is devoted to the great non-dramatic poetry from 1500 to 1650. The second semester has to do with the prose of the same period.  
Prerequisite: 61. Four Hours
164. **LITERATURE OF NEO-CLASSICISM\***  
Prerequisite: 61. Three Hours
166. **THE ROMANTIC POETS**  
Prerequisite: 62. Three Hours
168. **THE VICTORIAN POETS** Three Hours
170. **THE ENGLISH BIBLE AS LITERATURE\***  
A study of the Bible as literary art among the world's supreme masterpieces. This course applies on the English major or minor but not on the first four hours of the general literature requirement for the Bachelor of Arts degree.  
Prerequisite: One semester of English or American literature. Three Hours
174. **NINETEENTH CENTURY PROSE** Two Hours
- 183, 184. **DRAMATIC LITERATURE\***  
A carefully selected sequence of dramatic classics from Aeschylus to Ibsen, studied to reveal their literary values and cultural attitudes. More than half the time is given to Shakespeare. Six Hours

**197-198. ENGLISH MAJOR CONFERENCE**

An integrating group study required of English majors in the senior year and recommended to minors. Only majors and minors in the department are admitted. Two Hours

**JOURNALISM**

*Minor Requirements:* 18 hours selected in conference with the minor adviser, 8 of which must be in the upper biennium. To qualify for a minor in this field the student must have a broad cultural course in general college studies, including among his prescribed and elective courses History 91, 92; Political Science 4 to 6 hours; Sociology 61 or Economics 1-2; Business 127-128; Secretarial Science 5, 6 or 57, 58; and one full year in each of American and English literature. A thorough mastery of English fundamentals is expected of all taking Journalism courses. Printing courses required for this minor: Printing 11 and 81, 82. These printing courses will count on the total 18 hours required of Journalism minors.

**55-56. NEWS WRITING**

The writing of news, features, and interviews for the daily press, with practical experience in the use of newspaper style and technique.

Four Hours

**106. PUBLIC ADDRESS REPORTING**

Specialized practice in reporting sermons, speeches, public meetings, and interviews according to good newspaper formulae. Enrollment restricted to those who have demonstrated proficiency in Journalism 55-56. (either semester) Two Hours

**120. PRESS RELATIONS AND PUBLICITY TECHNIQUES**

Lectures, readings, and directed observation and practice designed to familiarize the student—from the viewpoint of the newspaper as well as of the public relations office—with the problems of desirable reactions to honest and competent publicity.

Prerequisites: 55-56 and at least one other newspaper theory course, 149 recommended. Two Hours

**125-126. COPY-DESK EDITING**

A practice course for those who have shown competence in 55-56. The work involves laboratory projects in copy-reading, rewriting, head-writing, proofreading, make-up, and feature production. Two Hours

**130. HISTORY AND ETHICS OF JOURNALISM**

History of Journalism from about 1620 down to the present time with parallel attention to the principles that guide the best newspapers.

Two Hours

**141-142. FEATURE AND MAGAZINE ARTICLE WRITING**

Practice in writing periodical articles and newspaper feature material on selected subjects; study of requirements for the press. Four Hours

**149. NEWSPAPER PROBLEMS**

A study of the policies and practices of the better weekly and small daily newspapers as to news content, editorials, advertising, circulation, costs. Part of the work will be in the form of research or experience in a newspaper plant of the type considered in the course. Two Hours

## SPEECH

The Speech Department aims to make the student a better equipped individual for everyday life by correcting his speech defects, by helping him gain platform poise, and by training him to organize and present his thoughts logically and effectively.

*Major Requirements:* 30 hours, of which 18 must be in the upper biennium. The required courses will be determined in conference with the major professor. A senior student must have platform poise and show himself to be an able speaker and reader. A second major in an accepted field is recommended.

*Minor Requirements:* 18 hours, of which 9 must be in the upper biennium.

*Equipment:* A public address system, a standard voice recording machine, and a Brush Soundmirror tape recorder. The room is suggestive of a small auditorium.

### 52. VOICE AND DICTION

A consideration of principles underlying the correct use of the voice and the elimination of speech defects and throat fatigue. Two Hours

### 55-56. FUNDAMENTALS OF SPEECH

The principles of correct speech are studied; attention is given to tone drills, articulation, and proper poise and use of the body in various speech situations. Four Hours

### 61. PUBLIC PROCEDURE

A study of the principles and practices of parliamentary law and usage. Each student is given practice in the conduct of business meetings. Two Hours

### 81, 82. INDIVIDUAL SPEECH INSTRUCTION

A study of the correction of basic speech defects, and the formation of good, well-supported tones. Two Hours

### 91, 92. SPEECH CHOIR

Interpretation through choral speaking to develop greater appreciation of poetry and of many Biblical passages. The individual is trained in more accurate, distinct speaking habits. May be taken without credit. Two Hours

### 131. ORAL INTERPRETATION

A study of the oral interpretation of the best literary forms, with suggestions for public presentation in a unified and spontaneous response of body and voice. Three Hours

### 132. ORAL INTERPRETATION OF THE BIBLE

A consideration of the principles of effective oral Bible reading with practice in platform presentation. Three Hours

### 135. RADIO SPEECH

The theory and practice of microphone technique with special emphasis upon radio diction, radio listening, and evaluation. Prerequisite: Speech 52 or 55-56. Two Hours

### 136. RADIO PRODUCTION

Preparation for production, participation, and direction of various types of radio broadcasts. Prerequisite: Speech 52 or 55-56. Two Hours

139. **PRINCIPLES OF DISCUSSION\***  
A study of the fundamental principles of argumentation and the theory and practice of various techniques of discussion, including the forum, panel, and round table. Three Hours
142. **PERSUASIVE SPEAKING\***  
The art of persuasion and its influence upon behavior, the basic factors involved, and the avenues of motivation are studied. Three Hours
- 151, 152. **ADVANCED PUBLIC ADDRESS**  
The composition and delivery of public address. Effective extemporaneous speaking and techniques for influencing human behavior through speech. Six Hours
171. **SENIOR RECITAL**  
The presentation of an acceptable public recital of one hour in length, or participation in a senior public recital. One-Two Hours
181. **METHODS IN SPEECH EDUCATION\***  
A discussion of methods and aims of speech training in the grades, in secondary schools, and in colleges. Limited to upper biennium speech majors and minors. Two Hours
- 185, 186. **ADVANCED INDIVIDUAL SPEECH INSTRUCTION**  
Emphasis is placed upon beautiful tones based upon abdominal breathing and the proper use of the organs of speech. One or two lessons a week as arranged. Time by appointment. (A maximum of two hours of credit in Individual Speech Instruction can be applied on a Speech major or minor.) Two Hours

## MODERN LANGUAGES

The objectives of this department are to equip the major with the necessary tools to enter professions requiring foreign language and to prepare him for graduate study. We aim to develop the student's ability to reason inductively, to give him a deeper insight into his mother tongue, to arouse in him an awareness and appreciation of his cultural heritage, and to stimulate his interest in the foreign mission program of the church.

Before enrolling in a Modern Language course numbered 100 or above, a student must have completed 12 to 14 hours, or the equivalent, of one language. Education 181 and 190 are recommended for students planning to teach a language.

### FRENCH

*Major Requirements:* 30 hours in addition to French 3-4 or the equivalent, of which a minimum of 24 hours must be in the upper biennium. These must include 131, 155, 156. Majors should take English 61, 62.

*Minor Requirements:* 18 hours above the beginning course, or its equivalent, of which a minimum of 9 must be in the upper biennium. This requirement may be reduced to 15 hours if a student has 2 secondary units or the equivalent in a language other than French.



## 3-4. BEGINNING FRENCH

An introductory study of grammar, pronunciation, reading, composition, with oral practice. Laboratory time required, three one-hour periods a week.

Six Hours

## 53-54. INTERMEDIATE FRENCH

A continuation of 3-4. A review of grammar with readings from French authors. Prerequisite for 155, 156.

Prerequisite: 3-4 or equivalent.

Six Hours

## 57, 58. READINGS OF FRENCH MASTERPIECES

Reading and discussion of selected works in French literature. May be taken concurrently with 53-54.

Four Hours

## 101, 102. VOCABULARY BUILDING

Designed to enlarge the student's vocabulary, mainly through oral use.

Four Hours

## 123, 124. OUTLINE HISTORY OF FRENCH LITERATURE

Literary landmarks from La Chanson de Roland to the 19th century. Special stress on the 17th century.

Six Hours

## 131. PRONUNCIATION

A thorough study of the fundamental principles of French pronunciation.

Two Hours

## 141. ROMANTICISM

A study of French literature from 1800 to 1850 with stress on Lamartine, Vigny, Hugo, and Musset.

Two Hours

## 142. MODERN FRENCH WRITERS

French literature from 1850 to 1900.

Two Hours

## 143-144. READING FRENCH

Readings in French in the student's major field, and readings to be chosen in conference with his major professor and the language professor. May be taken during the junior year or senior or both.

Two Hours

## 151, 152. CONTEMPORARY WRITERS\*

A study of selected authors of the latter part of the 19th century and the beginning of the 20th.

Six Hours

## 155, 156. ADVANCED COMPOSITION\*

Further study of grammar and idiomatic expressions with translations of literary works from English into French. Both semesters are required of majors and are recommended for minors.

Prerequisite: 53-54.

Four Hours

## GERMAN

*Minor Requirements:* 18 hours above the beginning course or its equivalent, of which a minimum of 9 must be in the upper biennium. This requirement may be reduced to 15 hours if a student has 2 secondary units or the equivalent in a language other than German.

## 3-4. BEGINNING GERMAN

A study of the fundamentals of grammar, drills in verbs and pronunciation, reading of simple prose. Laboratory time required, three one-hour periods a week.

Six Hours

## 65-66. INTERMEDIATE GERMAN

A review of grammar with special emphasis on idioms; reading of German prose to furnish a background of life, culture, and geographical aspects of Germany.

Prerequisite: 3-4 or equivalent.

Six Hours

## 105. SCIENTIFIC GERMAN

A course especially intended for students who plan to enter the field of science or medicine. A grammatical analysis from the standpoint of peculiarities of scientific German. Readings to acquaint the student of science or medicine with vocabulary, style, and subject matter in his field.

Three Hours

## 107. GERMAN CONVERSATION

Intensive practice in German pronunciation; stresses fluent and correct use of vernacular conversation based upon everyday life and events.

Two Hours

## 108. GERMAN PROSE COMPOSITION

A brief review of grammar; practice in writing prose compositions of various types.

Two Hours

## 135, 136. OUTLINE HISTORY OF GERMAN LITERATURE

A study of the main currents of German Literature from the early beginnings to the present time. Readings, based on a German text, include selections of the easier masterpieces of representative authors of the periods studied.

Six Hours

## 143-144. READING GERMAN

Readings in German in the student's major field, the readings to be chosen in conference with his major professor and the language professor. May be taken during the junior year or senior or both.

Two Hours

## 162. GERMAN KULTURKUNDE\*

A study of German culture and civilization as reflected in German art, literature, philosophy, and religion.

Two Hours

## 165. THE GERMAN CLASSICAL PERIOD\*

A detailed study of some of the works of Goethe, Schiller, Lessing, and contemporaries of the period.

Two Hours

## SPANISH

*Minor Requirements:* 18 hours above the beginning course or its equivalent, of which a minimum of 9 must be in the upper biennium. This requirement may be reduced to 15 hours if a student has 2 secondary units or the equivalent in a language other than Spanish.

## 3-4. BEGINNING SPANISH†

Essentials of Spanish grammar; a systematic training in pronunciation, conversation, and reading. Laboratory time required, three one-hour periods a week.

Six Hours

## 61-62. INTERMEDIATE SPANISH

A continuation of 5-6. Grammar review, oral practice; readings from Spanish and Hispanic American authors.

Prerequisite: 5-6 or the equivalent.

Six Hours

## 67, 68. READING OF SPANISH AUTHORS

Four Hours

† Offered in summer session only.

131. ADVANCED COMPOSITION AND CONVERSATION  
Recommended for teaching minors. Two Hours
132. ADVANCED GRAMMAR AND COMPOSITION  
Recommended for teaching minors. Two Hours
- 143-144. READING SPANISH  
Readings in Spanish in the student's major field, the readings to be chosen in conference with his major professor and the language professor. May be taken during the junior year or senior year or both. Two Hours
- 145, 146. OUTLINE HISTORY OF SPANISH LITERATURE\*  
Literary landmarks from the Middle Ages through the contemporary period with emphasis on the authors of the Golden Age and of the nineteenth century. Six Hours
149. SPANISH CIVILIZATION  
A survey of the physical, racial, historical, and artistic elements which have influenced and molded Spanish civilization and culture, and their influence on the cultures of the world. Two Hours
- 161, 162. HISPANIC AMERICAN LITERATURE  
A survey of the trends in Hispanic American literature from its beginnings to contemporary times with emphasis on Dario, Bello, Palma, and others. Four Hours

## VI

# MUSIC AND ART

HAROLD B. HANNUM, *Chairman*

H. ALLEN CRAW

EDNA S. FARNSWORTH

JOHN T. HAMILTON

CHLOE ADAMS SOFSKY

ALFRED WALTERS

ROBERT WARNER

### MUSIC

The objectives of this department are to give students an understanding and appreciation of the musical heritage of man; to aid the student in acquiring knowledge, techniques, and skills necessary for performers, composers, teachers, singing evangelists, and church musicians; and to provide for students in leisure time cultural and artistic activities, such as group music experiences and intelligent listening to music.

*Major Requirements:* 40 hours, of which a minimum of 15 must be in the upper biennium. Required courses: 5, 6 Theory I; 51, 52 Theory II; 107, 108 Counterpoint; 111, 112 History of Music; 8 hours in one field of applied music. Electives from courses 21, 22; 55, 56; 121, 122; 155, 156; 159; 190; 101; 104; 117, 118; 124; 63, 64; 113, 114; 161, 162; 199.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium. Required courses: 5, 6 Theory I; 111, 112 History of Music. Eight hours to be selected from the courses listed above under major requirements.

*Minor Requirements for Theology Students:* Theory, 6 hours; Music 113, 114; Voice, Choral Organizations and Conducting, 8 hours.

*Bachelor of Music Education:* The curriculum leading to the degree Bachelor of Music Education is offered for those interested in the field of music teaching. This course gives a student concentration (24 hours) in one field of applied music with supplementary instruction in the remaining fields of applied music. Emphasis is given to the technique and practice of teaching music. A 40-48 hour requirement in general college courses provides a basis for general culture.

### OUTLINE FOR BACHELOR OF MUSIC EDUCATION DEGREE

#### I. General Culture — 40 hours

Religion — 12-14 hours (4 hours upper division)

English — 10 hours

History — 6 hours (European Civilization recommended)

Science — 6 hours

Physical Education and Health — 4 hours



## II. Musicianship — 32 hours

Theory I and II — 12 hours

History of Music — 4 hours (U. D.)

Music Form and Analysis — 4 hours (U. D.)

Counterpoint — 4 hours (U. D.)

Music Composition or Orchestration — 4 hours (U. D.)

Organizations† — 2 hours (U. D.)

Advanced Conducting — 2 hours (U. D.)

† Students taking this curriculum are required to join the organization of their applied music field.

## III. Performance — 30 hours

Instrument or Voice — 24 hours

Secondary Applied Music — 6 hours

## IV. Minor in Education — 18 hours

## V. Electives — 8 hours

It is recommended that these electives be taken in liberal arts courses.

Specific study programs will be arranged in consultation with the staff. A student majoring in music may apply a maximum of 50 hours in music toward a Bachelor of Arts degree.

Courses which may apply on a minor in music for Theology students: *Applied Music*: 21, 22; 55, 56; 121, 122; 155, 156; 159; 190; *Theory*: 5, 6; 51, 52; 101; 104; 107, 108; 117, 118; 124; *Music History and Literature*: 63, 64; 111, 112; 113, 114; 161, 162; 199; *Conducting*: 60; 132; *Organizations*: 73, 74; 77, 78; 177, 178.

All courses in the department except 15, 16 and 1 may be counted toward the Bachelor of Music Education degree.

The Fine Arts requirement of four hours toward the A. B. degree may be met in the department of music by any of the following courses: 63, 64; 65; 111, 112; 113, 114; 115; 161, 162.

## APPLIED MUSIC

Private half-hour lessons are given in piano, organ, voice, violin, and orchestral and band instruments. Students may take applied music with or without credit.

College credit in applied music is granted on the following basis:

## 1. One or two half-hour lessons a week.

(Students desiring more than one hour of credit per semester must take two half-hour lessons a week. Students taking one half-hour lesson a week are expected to take a minimum of 15 lessons per semester; and those taking two half-hour lessons a week are expected to take a minimum of 30 lessons per semester.)

2. Three hours of practice per week for each hour of credit.
3. A passing grade in a satisfactory semester examination.
4. Participation in public recitals as requested by the instructor.

Credit in applied music in excess of four hours must be supplemented by at least an equal number of hours in Theory or Music History.

The maximum amount of credit in applied music allowed on the Bachelor of Arts degree for non-music majors is 8 hours; for music majors taking the Bachelor of Arts degree, 16 hours.

Students pursuing the Bachelor of Music Education degree are required to take two lessons a week in their major field of applied music.

Students in applied music must secure the approval of their instructor before performing in public.

At the semester examinations in applied music, each student must demonstrate sufficient advancement in technique and musicianship to satisfy the examiners. The examination will consist of at least one number from memory and one or two other numbers of a diversified nature together with technical exercises.

Applied music courses may be repeated for credit until the maximum of eight hours is reached. Students must satisfy their teacher and examiners as to the extent of repertoire covered.

Students majoring (16 hours) in applied music are required to expect to complete the level of attainment of the applied music courses 21, 22 and 55, 56.

Students fulfilling the requirements for the Bachelor of Music Education degree are expected to complete the level of attainment of the applied music courses 21, 22; 55, 56; and 121, 122.

Students majoring (16 hours) in applied music are required to give a recital of acceptable merit in their senior year.

#### 15, 16. PREPARATORY APPLIED MUSIC

Credit in this course may not be applied on a major or minor in music or on the applied music requirement of the Bachelor of Music Education degree. It may apply toward college elective requirements.

One-Four Hours

#### 21, 22. APPLIED MUSIC (First Year)

One-Eight Hours

#### 55, 56. APPLIED MUSIC (Second Year)

One-Eight Hours

#### 91, 92. STRING INSTRUMENT CLASS

A study of the string instruments of the orchestra to give students an understanding of the basic elementary technique of each.

Two Hours

#### 93, 94. WOODWIND INSTRUMENT CLASS

An introductory study of the orchestral woodwind instruments.

Two Hours

#### 95, 96. BRASS INSTRUMENT AND PERCUSSION CLASS

An introductory study of the orchestral brass and percussion instruments.

Two Hours

- 121, 122. APPLIED MUSIC (Third Year) One-Eight Hours
- 155, 156. APPLIED MUSIC (Fourth Year) One-Eight Hours
159. REPERTOIRE CLASS One Hour
190. SENIOR RECITAL  
The presentation of a creditable public recital approved by the music faculty. One-Two Hours

## THEORY

## 1. ELEMENTS OF MUSIC

The study of the rudiments of music, diction, sight-singing and ear-training. Primarily for students without any previous music training. This course may count only as a college elective and may not be counted on a major or a minor or toward the Bachelor of Music Education requirements. Two Hours

## 5, 6. THEORY I

A thorough study of the fundamentals of musicianship—chords, scales, intervals, and elementary harmony, with emphasis upon ear-training and keyboard harmony. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week. Six Hours

## 51, 52. THEORY II

A continuation of the study of harmony, with emphasis upon ear-training, keyboard harmony, the harmonizing of melodies and basses, and original writing. A supplementary period for ear-training and dictation is required in addition to the regular class sessions each week. Six Hours

## 101. MUSIC FORM

An analytical course including a study of the smaller forms through the sonata and rondo forms and the contrapuntal forms. Two Hours

## 104. ANALYTICAL HARMONY

The analysis of excerpts from classic, romantic, and modern music showing harmonic usages. Two Hours

## 107, 108. COUNTERPOINT

A study of the polyphonic styles of the 16th and 18th centuries, with practice in writing two and three part motets and inventions. Four Hours

## 117, 118. MUSIC COMPOSITION

Practice in writing original compositions in the smaller forms. Four Hours

## 124. ORCHESTRATION

A study of the instruments of the orchestra; arranging music for the orchestra. Two Hours

## MUSIC HISTORY AND LITERATURE

## 63, 64. MUSIC LITERATURE

A survey of significant music and musicians, with emphasis upon the period from Bach to the present to develop an understanding of the music being performed today. Directed listening to recordings. Four Hours

## 65. MUSIC LITERATURE

Offered by extension only.

Three Hours

## 111, 112. HISTORY OF MUSIC

A chronological study of the various periods in the development of music from the earliest times to the present. It is desirable that students have an elementary knowledge of theory and music fundamentals before enrolling in this course.

Four Hours

## 113, 114. HISTORY OF CHURCH MUSIC

A study of music and its relation to the church from the time of Hebrew music to the present. Emphasis upon hymns and hymn-tunes and the place of music in worship.

Four Hours

## 115. HISTORY OF MUSIC

Offered by extension only.

Three Hours

## 161, 162. AESTHETICS\*\*

A basic course in the principles of beauty which are fundamental to an understanding of all the arts.

Four Hours

## 199. ADVANCED MUSIC PROJECTS

One-Two Hours

## CONDUCTING

## 60. ELEMENTARY CONDUCTING

Fundamental rules and practice in conducting, congregational singing. The practical use of music in the church and in evangelism. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## 132. ADVANCED CONDUCTING

A review of the principles of conducting. *Section I.* The materials and methods in organizing and conducting choral organizations. *Section II:* The materials and methods of organizing and conducting bands and orchestras and instrumental ensembles. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## MUSIC EDUCATION

## 67. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

(May be counted only toward a Bachelor of Music Education degree, or as a college elective. See Education section for description of course.)

Two Hours

## 181. TEACHING MUSIC IN THE SECONDARY SCHOOL

A study of the materials and methods of teaching music in secondary schools. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## 191. MUSIC MATERIALS AND TECHNIQUES

A survey of the best materials and methods of teaching applied music, piano, voice, or violin, or directing choral or instrumental organizations. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours



## ORGANIZATIONS

## 71, 72. BAND

A vital factor contributing to the spirit of the College is the College Band. Membership is open to all students of band instruments. A limited number of college-owned instruments can be rented each semester on application. Concerts are given each year. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## 73, 74. THE COLLEGE CHOIR

A highly selective ensemble of seventy-five members, balanced for four- and eight-part singing. Representative works of the masters of choral composition, both sacred and secular, are studied and performed. Some time is given to contemporary music and the madrigal. Membership is by invitation of the director. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## 75, 76. ORCHESTRA

This organization, besides being a valuable aid to developing a sense of time and musicianship offers a pleasurable and worth-while opportunity for students of musical instruments that are to be found in a symphony orchestra. Classical and light music are studied and played each semester. Membership is open to all students who qualify after a conference with the director. Concerts are given each year. (May be counted only toward a Bachelor of Music Education degree, or as a college elective.)

Two Hours

## 77, 78. ENSEMBLE MUSIC

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.)

Credit to be arranged

## 177, 178. ENSEMBLE MUSIC

Instrumental and vocal ensembles, such as string quartets, male quartets, brass ensembles, etc., under the direction of the music staff. (May be counted only toward a minor in music for Theology students, toward a Bachelor of Music Education degree, or as a college elective.)

Credit to be arranged

## VISUAL ARTS

The department of Visual Arts seeks to develop in the students an acquaintance with and an appreciation of the masterpieces of art; to aid them in understanding the basic principles of true art and their application to life situations; and to develop as far as possible technical proficiency in artistic performance.

The Fine Arts requirement of four hours toward the A.B. degree may be met in the department of Visual Arts by courses 55, 56 and 117, 118 and are of special value in general education.

*Major Requirements:* 30 hours, of which a minimum of 15 must be in the upper biennium. Required courses: Art appreciation, 4 hours, and Senior Project, 2 hours.

*Minor Requirements:* 18 hours, of which a minimum of 9 must be in the upper biennium. Required course: Art appreciation, 4 hours.

## DRAWING AND PAINTING

51. **LETTERING**  
Lectures, laboratory assignments in single stroke Roman, English Text, and other traditional alphabets. Creative modern lettering. Simple layouts. Two Hours
52. **ART EDUCATION**  
A study of the fundamental art principles as applied to the needs of children. Teaching methods. Laboratory assignments in various media of a type suitable for grade school art. (May not be applied on a major or minor in Art.) Two-Three Hours
53. **DESIGN**  
A study of the basic art elements and their function in the composition. Laboratory assignments with definite application of the principles studied. One-Two Hours
65. **FUNDAMENTALS OF DRAWING AND PAINTING**  
A foundation course in the principles and techniques of drawing and painting. Laboratory assignments in various media. One-Six Hours
57. **CERAMICS**  
Modeling and glazing of simple pottery forms. One-Four Hours
61. **SCULPTURE**  
Modeling or carving in various media. The study of suitability of subject to medium. Special project for pre-dental students. One-Six Hours
101. **COMMERCIAL ART AND ILLUSTRATION**  
Layout and design for book illustrations and advertising. Prerequisites: 50. Two-Four Hours
103. **PAINTING**  
Landscape, still-life, or portrait painting in oil or water color. One-Six Hours
105. **SCULPTURE**  
A study of the basic art elements as applied to sculpture. Modeling and casting in various media. One-Four Hours
107. **DESIGN**  
A study of the art elements and their application to abstract design. One-Four Hours
199. **SENIOR PROJECT**  
A mural or a series of paintings, or a special project in ceramics, planned for the senior student majoring in Art. This project must exhibit an acceptable degree of technical facility and creative power. Two Hours

## ART APPRECIATION

- 55, 56. **ART INTERPRETATION**  
A study of the fundamental principles of true art, with their application to great works of art and to daily surroundings. Four Hours
- 117, 118. **HISTORY OF ART**  
A chronological study of the various periods in the development of architecture, sculpture, and painting from the earliest times to the present. Four Hours

## VII

# APPLIED ARTS

FRANK JUDSON, *Chairman*  
PAUL S. DAMAZO                      YVONNE PASHER SONNELAND  
H. RUSSELL EMMERSON

## HOME ECONOMICS

Home Economics provides a well-balanced curriculum planned to help each student to understand the responsibilities of a Christian homemaker and to develop the desire and skills to assume these responsibilities, and in addition, to provide for professional training.

*Major Requirements:* 36 hours, of which a minimum of 18 must be in the upper biennium. Both Bachelor of Science and Arts degrees are offered. Prescribed courses: Home Economics 7, 8, 51, 54, 101, 113-114, 110, 118, and 192. Cognate requirement: Chemistry 1-2 or 5-6, Biology 8 or 58 and 158, Visual Arts 55 or 56.

*Minor Requirements:* 18 hours, of which not less than 6 must be in the upper biennium. Prescribed courses: Home Economics 7, 8, 51, 54.

Students may choose one of the following specializations in counsel with the department head:

*General Home Economics:* This curriculum meets the requirements of the major stated above and is designed for the potential homemaker.

*Home Economics Education:* Students choosing this curriculum are counseled to minor in Secondary Education. It provides training for prospective teachers of Home Economics in denominational secondary schools. In addition to general major requirements, the student must include Home Economics 182 and Secondary Education 190.

*Foods and Nutrition:* Students in this major may qualify for dietetic internships in programs approved by the American Dietetic Association, and prepare for positions as dietitians in hospitals, school cafeterias, and institutional dining rooms. Major requirements should include courses listed as "Required" by the American Dietetic Association. (See page 90.)

## FOODS AND NUTRITION

### 7. FUNDAMENTALS OF FOODS AND NUTRITION

A study of foods and their nutritive values, basic cookery, and marketing. Two class periods with a three-hour laboratory each week.

Three Hours

### 8. MEAL PLANNING AND SERVICE

Instruction and laboratory practice in the planning, preparation, and serving of meals. Two class periods with a three-hour laboratory each week.

Three Hours

**101. NUTRITION**

A scientific study of the nutritive essentials. Included are the principles of the chemistry of foods and nutrition, the biological value of food and man's requirements at the various age levels. Three Hours

**113-114. ADVANCED FOODS**

A study of foods from scientific and economic aspects; their selection and preparation; special attention to the more difficult preparation techniques. Especially designed for the advanced major in Home Economics. One class period and one three-hour laboratory each week. Prerequisite: Foods 7 and 8. Four Hours

**115. EXPERIMENTAL FOODS\***

A study of the effect of various methods of cooking upon the nutritive value, palatability, and economy of food products. One class period and one three-hour laboratory each week. Two Hours

**166. CHILD NUTRITION AND CARE**

A study of the nutrition of the child from prenatal life through adolescence. Consideration is given the care of the infant and home training of the child. Two Hours

**184. NUTRITION IN DISEASE**

A study of the normal diet with modifications necessary in pathological conditions. Prerequisite: 101. Three Hours

**CLOTHING AND TEXTILES****51. CLOTHING CONSTRUCTION AND SELECTION I**

This course covers the fundamental techniques of garment selection, construction, fitting, and use of commercial patterns with simple problems in original design. Two class periods with one three-hour laboratory each week. Three Hours

**52. CLOTHING CONSTRUCTION AND SELECTION II**

A study of factors essential to intelligent selection of textiles for clothing and house furnishing with added emphasis on clothing selection and care, and wardrobe planning from the standpoint of beauty, health, and economy. Two class periods with one three-hour laboratory each week. Three Hours

**59. FLAT PATTERN DESIGNING\***

The use of basic patterns to obtain the desired design. Previous experience in sewing is necessary. Two Hours

**109. TEXTILES\***

A study of textile fibers, the fundamentals of weaving, the identification of textiles, their choice and care. Two Hours

**110. TAILORING**

A study of professional techniques of tailoring and their application to women's garments. One class period and one three-hour laboratory each week. Prerequisite: 51 and 52. Two Hours

**HOME MANAGEMENT****193. MANAGEMENT IN FAMILY LIVING**

The study of the fundamental principles of the Christian home, the inter-relationship of family members, and the selection, care, use, and arrangement of household equipment. Three Hours

**195. HOME MANAGEMENT RESIDENCY**

An application of the principles of home management. The student has an opportunity to live in the Home Economics Cottage under



guidance of an instructor for six weeks. Two-hour weekly conferences with the instructor will be arranged. Limited to majors and minors. Prerequisite: 193. (May be taken concurrently.) Three Hours

### INSTITUTIONAL MANAGEMENT

#### 161. INSTITUTIONAL MANAGEMENT

The study of administrative duties and problems in institutional work, including organization, equipment, personnel, costs, marketing, and service. Three Hours

#### 176. QUANTITY COOKERY

The study of preparation and service of food in large quantity. Laboratory work is done in the college cafeteria and dining room. Three Hours

### RELATED ARTS AND CRAFTS

#### 57. CERAMICS (See Visual Arts section for description of course.)

One-Two Hours

#### 118. DECORATING AND FURNISHING THE HOME

A study of principles governing the selection and arrangement of furniture, fabrics, and accessories appropriate for various types of homes. A survey of period furnishings and the contribution of the past to modern furniture manufacture.

Prerequisite: Visual Arts 55 or 56.

Three Hours

#### 158. UPHOLSTERED FURNITURE. (See Building Construction section for description of course.)

Two Hours

### HOME ECONOMICS EDUCATION

#### 181. METHODS OF TEACHING HOME ECONOMICS

This is a study of the secondary school home economics curricula and the methods particularly suited. For majors and minors. Two Hours

### BUILDING CONSTRUCTION

The building construction classes are intended to train professional builders and capable craftsmen. For the general college student the aim is to provide an understanding of building problems in the social state. Certain groups who do not plan to become technical specialists will get from prescribed classes orientation sufficient for committee memberships and tentative planning.

*Major Requirements:* 40 hours, of which a minimum of 20 must be in the upper biennium.

*Cognate Requirements:* Chemistry 5-6; Mathematics 5; 8; 77, 78; Physics 51-52; Economics 1-2; Business 56.

*Minor Requirements:* 20 hours, of which a minimum of 6 must be in the upper biennium.

#### 11-12. CARPENTRY

This class works on a house or other building during the school year. Each student is given opportunity to become familiar with details of construction through actual practice. Textbook and lecture work precede each building operation. Intensive study of house plans. Wide reading required. One hour class period and six hours laboratory work each week.

Six Hours

## 27, 28. FURNITURE CONSTRUCTION AND CABINET MAKING

A study of the processes, tools, machines, and materials used in the woodworking field. Each student works on a project of his own, selected in counsel with the instructor. One hour class work and three or six hours laboratory work each week. Four or Six Hours

## 41, 42. TECHNICAL DRAWING

Orthographic projection, lettering, care and use of instruments; sections and auxiliary views, pictorial presentation, dimensioning; pencil and ink tracings; projection principles. Application to practical problems with emphasis on visualization and analysis. Six hours laboratory work each week. Four Hours

## 67. MATERIALS AND METHODS OF CONSTRUCTION

A course designed especially for prospective ministers, teachers, doctors, and administrators who will have to make decisions regarding building problems. This course covers a study of the properties, uses, and comparative costs of building materials and their suitability to various situations. Two hours lecture each week. Two Hours

## 68. BASIC BUILDING DESIGN

A study of plans and specifications, as a continuation of course 67. Simple drawings required to illustrate principles studied. An attempt is made to help the student understand the meaning of the plan and the fitness of proposed building for its purpose. One lecture and three hours laboratory each week. Two Hours

## 71. SURVEYING\*

Theory and practice of plane surveying; measurement of distances; use and adjustment of transit and level; systematic methods for notes and computations; measurement of angles; leveling; contours; land surveying; mapping.

Prerequisites: Mathematics 5 and 8.

Three Hours

## 83. STATICS\*

Statics; analytical and graphical solutions; composition and resolution of forces; stresses in simple frames.

Prerequisites: 41, 42; Mathematics 5 and 8.

Three Hours

## 86. STRENGTH OF MATERIALS\*

Stress deformation relationships; behavior of materials under stress; theories of failure.

Prerequisite: 83.

Three Hours

## 107, 108. STRUCTURAL DRAFTING\*

Structural details, freehand sketching, shades and shadows, working drawings, blueprinting, mechanical perspective. Complete original drawings of quality sufficient to permit use in erection of buildings are required in the second semester. Six hours laboratory each week.

Prerequisites: 41, 42.

Four Hours

## 129. MECHANICAL EQUIPMENT OF BUILDINGS\*

A study of mechanical, electrical, and plumbing installations in relation to the building; rules, regulations, and codes.

PPerequisites: 11-12.

Three Hours

## 132. SANITARY ENGINEERING\*

Water supply, purification, softening, distribution; sewage systems, sewage treatment and disposal.

Prerequisite: 129.

Three Hours

## 135. CONTRACTS AND SPECIFICATIONS\*

Laws relating to building; contracts; specifications.

Prerequisite: Business 56.

Two Hours

## 138. SOIL MECHANICS, FOUNDATIONS\*

Soil structure and bearing capacity; stresses in earth masses; soil moisture; foundation materials; types of foundation; piling.

Prerequisite: 86.

Three Hours

## 141, 142. HISTORY OF ARCHITECTURE\*

A study of characteristic features of the architecture of various countries, with emphasis on the geographical, geological, climate, religious, and social influences contributing to the formation of particular styles and types of building.

Four Hours

## 147. STRESSES IN FRAMED STRUCTURES\*

Algebraic and graphical analysis of stresses in framed structures, such as roof and bridge trusses, and building frames.

Prerequisites: 83, 86; Mathematics 77, 78.

Three Hours

## 158. UPHOLSTERED FURNITURE\*

Designing, building, upholstering, and re-upholstering of furniture. One hour of theory and three hours of laboratory each week. (Non-credit students may take this course by permission of the instructor.)

Prerequisite: 27 or 28 or equivalent.

Two Hours

## 171. STRUCTURAL DESIGN IN STEEL AND WOOD\*

Wood framing; joints and connections; design and computations required for wood trusses, floor systems, beams, girders, and columns. Design of simple steel structures; beams, columns, roof trusses, bents; rivets, tension and compression members.

Prerequisite: 147.

Three Hours

## 172. REINFORCED CONCRETE DESIGN\*

Design of concrete mixtures; forms; working stresses; posts, beams, slabs, T-beams; continuous frames.

Prerequisite: 147.

Three Hours

## 183, 184. ARCHITECTURAL DESIGN\*

The appearance of a building in relation to its setting; structural considerations in planning buildings; economic factors; relation of material to design; provision for equipment; churches, schools, hospitals, mission buildings. One hour lecture and six hours laboratory each week.

Prerequisite: 147.

Six Hours

## AGRICULTURE

*Minor Requirements:* 20 hours, of which a minimum of 5 must be in the upper biennium.

## 7. VEGETABLE GARDENING

A study of the types of vegetable gardening. Emphasis is placed on varieties and cultural methods of common vegetables.

Two Hours

## 11. FIELD AND FORAGE CROPS

A study of the distribution, cultural methods, and economic importance of the leading farm crops.

Three Hours

## 27. POULTRY HUSBANDRY

A general course dealing with the practical phases of the poultry industry.

Two Hours

## 55. SOILS AND SOIL MANAGEMENT

A course dealing with the genesis, physical and chemical properties, aeration, water movement, and classification of the soil.

Prerequisites: Chemistry 1-2 or 5-6.

Three Hours

67. **HOME FRUIT PRODUCTION**  
Recommended practices in the growing of grapes, strawberries, and bush and tree fruits for home and market are thoroughly surveyed.  
Two Hours
81. **ANIMAL HUSBANDRY**  
Development, care, use, and marketing of beef and dairy cattle, sheep, horses, mules, etc.  
Four Hours
84. **TRUCK AND TRACTOR MECHANICS**  
Fundamentals of internal combustion; maintaining and repairing of farm engines. Two lectures and one laboratory each week. Three Hours
112. **ANIMAL NUTRITION**  
A study of the fundamental needs and practices in animal nutrition.  
Two Hours
178. **DAIRY PLANT OPERATION**  
A course of study planned to train the student in the processing and manufacture of butter, ice cream, and other dairy products. Students successfully completing the course should have no difficulty passing the state examination and becoming licensed plant operators.  
Prerequisite: Biology 56. Recommended: Biology 126. Three Hours
188. **FARM MANAGEMENT\*\***  
The organization of farm enterprises and production units. Farm records and cost accounts.  
Prerequisite: Minimum of six hours of lower biennium Agriculture.  
Two Hours

## PRINTING

*Minor Requirements:* 18 hours, of which a minimum of 4 must be in the upper biennium, and a degree of proficiency in applied printing as evidenced by working in a printing plant, preferably the College Press.

- 11, 12. **TYPOGRAPHY I**  
A study of the basic principles of typography, straight-matter composition, simple display jobs, proofing, care of type and materials, and platen presswork. One class period and one three-hour laboratory period each week.  
Four Hours
- 65, 66. **TYPOGRAPHY II**  
Study and practice of the principles of hand and machine display and layout of office forms, booklets, publications, and presswork. Two class periods and one three-hour laboratory each week.  
Prerequisite: 11, 12 or equivalent.  
Six Hours
- 81, 82. **LINOTYPE OPERATION I**  
Keyboard practice and operation of a linotype—setting of straight matter, small caps, and italics. Instruction is given in the basic care and mechanics of the linotype. One class period and one three-hour laboratory each week.  
Prerequisite: 11, 12 or equivalent.  
Four Hours
- 112, 113. **LINOTYPE OPERATION II**  
Advanced work in the operation of a linotype machine on straight matter and job work. One class period and one three-hour laboratory each week.  
Prerequisite: 81, 82 or equivalent.  
Four Hours



## MISCELLANEOUS

15. **RADIO I**  
An elementary study of radio circuits and the application of vacuum tubes to such circuits. Two hours of theory and three hours laboratory per week. Three Hours
16. **RADIO II**  
A study of the radio station: receivers, transmitters and antenna systems. Laboratory includes the actual construction and testing of a radio receiver, audio amplifier or similar electronic equipment. Two hours theory and three hours laboratory per week.  
Prerequisite: 15 or equivalent. Three Hours
21. **PHYSICS OF FLIGHT** (See Physics section for description of course.)  
Two Hours
26. **AERIAL NAVIGATION**  
Chart reading; the basic wind triangle; special problems of navigation by dead reckoning; use of radio navigation facilities. Two Hours
57. **ELEMENTARY PHOTOGRAPHY**  
A beginning course in photography. One hour theory and three hours laboratory per week. Two Hours

## LIBRARY SCIENCE

- 57-58. **LIBRARY SCIENCE**  
Designed to help the student to use library facilities and to determine his aptitude for the profession of librarianship. Lessons and projects are prepared on the evolution of the book, the history of libraries, classification, cataloging, bibliography, and use of periodicals and reference material, and the principles of book selection. The work consists of one class hour and one three-hour laboratory period per week or equivalent. The course has general value and is open to any college student. Four Hours

## VIII

# BUSINESS AND SECRETARIAL SCIENCE

RALPH L. KOORENNY, *Chairman*

KARL F. AMBS

LOIS MCKEE

IRENE E. ORTNER

## BUSINESS ADMINISTRATION

The objective of the Business Administration Department is to prepare students for competent business service in denominational, commercial, and government employment, and to instill a high degree of moral responsibility as an aid to proper relationships with employing organizations, the church, and the community.

*Major Requirements:* 38 hours, of which 18 must in the upper biennium. Required Courses: Business 5, 6; 53; 56; 112; 123; 145; 148; Economics 1-2. Majors are also required to complete the following from other subject fields: Speech, 4 hours; Secretarial Science 53; and 5, 6 or equivalent. Six hours upper biennium Secretarial Science may be applied toward this major.

*Minor Requirements:* 18 hours, of which a minimum of 6 must be in the upper biennium.

1-2. PRINCIPLES OF ECONOMICS (See Social Sciences section for description of course.) Six Hours

### 5, 6. PRINCIPLES OF ACCOUNTING

The fundamental principles of modern account keeping. Business transactions and accounting techniques are studied in text material, class discussion, and laboratory practice. Two hours lecture and three hours laboratory each week. Six Hours

### 51. ACCOUNTING FUNDAMENTALS

Theory and practice of accounting, personal financial records, church accounting records, analysis of institutional and conference financial statements. Designed especially for ministerial students. Two Hours

### 53. INTERMEDIATE ACCOUNTING

Intensive study of accounting records, end-of-period procedures, correction of profits, analysis of accounting statements, accounting implications of corporate organization, with special emphasis on accounting for stocks and surplus. Two hours lecture and three hours laboratory each week. Three Hours

### 56. BUSINESS LAW

The general principles of law governing contracts, with special emphasis on negotiable instruments, agency, buying and selling transactions, real estate transactions, and insurance. Three Hours

### 61. MACHINE BOOKKEEPING

The theory and practice of machine bookkeeping, with emphasis on the operation of the National Bookkeeping Machine. Prerequisites: 5, 6 and Secretarial Science 53. One Hour

**112. ADVANCED ACCOUNTING\***

Detailed study of current assets, tangible and intangible fixed assets, investments, liabilities, reserves, and problems in determination of income. New developments in accounting theory and practice. Two hours lecture and three hours laboratory each week. Three Hours

**123. MONEY, BANKING, AND CREDIT\*\***

The banking system of the United States and its functions. The monetary system; credit and its functions. The relationship of banking, money, and credit to business.

Prerequisite: Economics 1-2.

Three Hours

**127-128. ADVERTISING**

The psychology, mechanics, and art of advertising; analysis of current practices in modern media; application of principles to assigned problems in market research and advertising.

Four Hours

**131, 132. MARKETING**

The study of the distributive process from the producer to the consumer. Buying motives, channels of distribution, cost of distribution, and the functional approach to the various middlemen in the distributive process.

Prerequisite: Economics 1-2; first semester is prerequisite to the second.

Four Hours

**141. CURRENT ECONOMIC PROBLEMS\*** (See Social Sciences section:

Economics, for description of course.)

Three Hours

**145. COST ACCOUNTING\*\***

Techniques of accounting for materials, labor, and overhead. Interpretation of the elements of cost to management as a basis for controlling manufacturing activities and measuring achievement.

Prerequisite: 53.

Two Hours

**148. ACCOUNTING SYSTEMS\***

The study of various accounting systems; methods of organizing accounting operations; includes a study of the organization of denominational finance and administration.

Two Hours

**172. BUSINESS FINANCE\***

Financial problems of business organization; launching of an enterprise; sources of capital; principles of borrowing; relation of finance to the business cycle; distribution of earnings; reorganization.

Prerequisite: 5, 6.

Three Hours

**188. ELEMENTS OF STATISTICS**

An introduction to the study of the various statistical methods and techniques of gathering, analyzing, and interpreting data, with applications in the fields of business and education.

Three Hours

## SECRETARIAL SCIENCE

The four-year degree program in Secretarial Science is designed to prepare the student for professional secretarial work in denominational or commercial offices and to combine the broad cultural background of a college education with thorough training in basic business skills.

*Major Requirements:* 34 hours, of which a minimum of 15 must be in the upper biennium. *Required courses:* Secretarial Science

57, 58; 63, 64; 14; 53; 70; 73; and 75. A maximum of 4 hours in Business or Economics may be included in the total upper biennium hours. Cognate requirement: Economics 1-2.

*Minor Requirements:* 18 hours, of which a minimum of 5 must be in the upper biennium. Required courses: Secretarial Science 63 and 70.

A two-year program is suggested for those who may not wish to qualify for a degree. Adequate preparation in basic skills is provided to prepare the student for stenographic or clerical office positions.

(See page 91 for a description of the Curriculum.)

### TYPEWRITING

#### 5, 6. TYPEWRITING I

A study of the techniques of touch typewriting as applied to business and personal use. (First semester or equivalent is prerequisite to the second semester.)

Two Hours

#### 57, 58. TYPEWRITING II

Emphasis on increased speed, accuracy, and skill in the typing of letters and business projects. (First semester is prerequisite to the second semester.)

Prerequisite: 5, 6 or equivalent.

Two Hours

### SHORTHAND

#### 7-8. SHORTHAND I

Basic principles of Gregg Shorthand plus dictation and elementary transcription.

Eight Hours

#### 63, 64. SHORTHAND II

Speed-building dictation; fast and accurate transcription on the typewriter of mailable letters. The second semester includes work in denominational vocabulary. Class meets three times a week for a double period. Laboratory fee. (First semester is prerequisite to the second semester.)

Prerequisite: 7-8 or equivalent.

Eight Hours

#### 108. ADVANCED SHORTHAND\*

Rapid dictation and transcription of Congressional and denominational material.

Prerequisite: 63.

Three Hours

#### 172. MEDICAL STENOGRAPHY

Shorthand and machine dictation and transcription of material selected from medical case histories, letters, and hospital records.

Prerequisite: 63.

Two Hours

### OFFICE PRACTICE

#### 14. SECRETARIAL ACCOUNTING

Instruction in accounting fundamentals adapted to the needs of future secretaries and stenographers. Will not apply on a Business major or minor. Offered both semesters.

Three Hours

#### 53. BUSINESS MACHINES

Instruction and practice on various types of calculating, adding, and duplicating machines. Laboratory fee. Offered both semesters.

Prerequisite: 5, 6 or equivalent.

One Hour



**70. SECRETARIAL PRACTICE**

Instruction in office procedures, business ethics, and the personal qualifications of the secretary. Two class periods and a three-hour laboratory each week.

Prerequisite: 57, 58 or equivalent.

Three Hours

**73. MACHINE TRANSCRIPTION**

Instruction and practice in the use of the Dictaphone, with emphasis on fast and accurate transcribing from the secretarial unit. Laboratory fee.

Prerequisite: 5, 6 or equivalent.

One Hour

**75. INDEXING AND FILING**

A study of the filing systems most commonly used in business; practice in both card and correspondence filing. Laboratory fee. Offered both semesters.

Prerequisite: 5, 6 or equivalent.

One Hour

**161. BUSINESS COMMUNICATIONS\***

The composition and dictation of business letters and reports.

Three Hours

**164. OFFICE MANAGEMENT**

The planning and organizing of business and secretarial offices. Special attention is given to the training of office employees, the selecting of equipment, the planning of office space, and organizing the flow of work through the office.

Three Hours

**181. TECHNIQUE AND MATERIALS FOR THE TEACHING OF SHORTHAND AND TYPEWRITING**

Lectures, class discussions, and assigned reading on the techniques of teaching shorthand and typewriting.

Two Hours

# SPECIAL CURRICULA

## THEOLOGY

La Sierra College Theology training program is designed to prepare preachers and teachers for a professional career in the highest sphere of human experience and thought in the realm of religion. The purpose of this training requires that a careful selection of candidates for admittance be made not only on the basis of preparatory scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, cultural refinement, and aptitude for the ministry.

In addition to meeting all the requirements for a standard baccalaureate degree, the Theology curriculum is designed to develop an intelligent spiritual leadership. The minimum requirement for graduation is a total of 140 hours. No student will be graduated with a recommendation to the ministry merely on the basis of the accumulation of the required number of credit hours.

### *Specific Requirements:*

Religion Courses	Semester	Hours
Life and Teaching of Jesus .....	4	
Bible Doctrines .....	6	
Daniel and Revelation (U.D.) .....	5	
New Testament Epistles .....	6	
Public and Field Evangelism .....	4	
Gift of Prophecy .....	3	
Homiletics .....	6	
Old Testament Prophets .....	6	
Personal Evangelism .....	4	
Cognate Courses		
History of the Christian Church .....	6	
Beginning New Testament Greek .....	8	
Intermediate New Testament Greek .....	6	
Speech (including Fundamentals of Speech) .....	9	
European Civilization .....	3	
Accounting Fundamentals .....	2	
Health Evangelism .....	2	

## BIBLE INSTRUCTORS

*Major Requirements:* 35 hours, 15 of which must be in the upper biennium. In addition to the basic requirements for the Bachelor of Arts degree, the following courses are required:

### *Specific Requirements:*

Religion Courses	Semester	Hours
Bible Doctrines .....	6	
Personal Evangelism .....	4	
New Testament Epistles .....	6	

Old Testament Prophets .....	3
Gift of Prophecy .....	3
Daniel and Revelation (U.D.) .....	5
History of the Christian Church .....	6
Cognate Courses	
European Civilization .....	3
Speech .....	7
Music .....	4

### PREMEDICAL

La Sierra College offers students opportunity to prepare themselves for admission to medical colleges.

In planning their college courses, premedical students should include those courses required by the admission committee of the medical college to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff. A college degree is necessary for admission to most medical schools. With this in mind, students should decide on a major and a minor, preferably by the beginning of the second year, and should include the liberal arts requirements in their courses.

For recommendation to the College of Medical Evangelists, a student should:

- a. Maintain a satisfactory conduct and character rating.
- b. Reach a minimum scholarship average of 1.5 in both science and non-science courses.
- c. Take the medical aptitude test during the 12 months preceding his application.
- d. Receive credit in the courses required by the College of Medical Evangelists for admission. These courses are as follows:

	Semester Hours
Chemistry .....	16
Physics .....	8
Biology .....	8
Embryology .....	3
Genetics (recommended) .....	3
Freshman English .....	6
French, German, or Spanish* .....	6-12
American History and Government .....	5
California Constitution and Government .....	1
Religion .....	12

\*When the language taken in college is the same in which the student earned two units on the secondary (high school or academy) level, the minimum requirement on the college level is 6 hours. If a new modern language is begun on the college level, the minimum requirement is 12 hours. If no foreign language was taken on the secondary level, for the student who does not have a high school diploma, the total college-level requirement is 14 hours. Students taking two years of Latin in high school must begin one of the above modern languages on the college level and complete 12 semester hours in the same language.

### PREDENTAL

La Sierra College offers students opportunity to prepare themselves for admission to dental colleges.

In planning their college courses, predental students should include those courses required by the dental school to which they plan to apply. Careful attention should be paid to prerequisites and to the proper sequence of courses. Guidance in these matters should be sought from the members of the staff.

For recommendation to the College of Medical Evangelists Dental School, a student should:

- a. Maintain a satisfactory conduct and character rating.
  - b. Reach a minimum scholarship average of 1.7 in both science and non-science courses.
  - c. Take the Dental Aptitude Test.
  - d. Receive credit in the courses required by the College of Medical Evangelists for admission to the dental school.
- These courses are as follows:

	Semester	Hours
Freshman English .....		6
General Chemistry .....		10
Organic Chemistry .....		8
Zoology .....		4
Botany .....		4
Physics .....		8
California Constitution and Government .....		1

### PREPHYSICAL THERAPY

College work totaling 64 hours is required as preparation for Physical Therapy. The required courses are listed below in the approximate order in which they should be taken.

	Semester	Hours
Religion* .....		8
Freshman English .....		6
General Zoology .....		8
General Chemistry .....		10
Microbiology .....		4
General Psychology .....		3
Physical Education .....		1
General Physics .....		8
Quantitative Analysis .....		4
Mammalian Anatomy .....		2
United States Constitution .....		2
American History .....		3
California Constitution and Government .....		1
Electives .....		4

Electives are to be chosen in counsel with adviser. Suggested by the College of Medical Evangelists are such courses as physics, organic chemistry, biochemistry, embryology, educational psychology, human anatomy, and public speaking.

\*Two hours of religion for every semester of attendance.



## PREMEDICAL TECHNOLOGY

College work totaling 96 semester hours is required as preparation for medical technology. The required courses are listed below in the approximate order in which they should be taken.

	Semester Hours
Religion*	12
Freshman English	6
Mathematics	6
General Chemistry	10
General Zoology	8
Physical Education	1
Language	6
General Physics	8
Quantitative Analysis	4
Microbiology	4
Mammalian Anatomy	2
Organic Chemistry	8
Physiology	3
American History	3
United States Constitution	2
California Constitution and Government	1
Biochemistry	4
Electives	8

## PREDIETETICS

Listed below are the academic requirements for entrance to dietetic internships as required by the Executive Board of The American Dietetic Association.

	Semester Hours
Chemistry	12
General Inorganic	
Organic	
Physiological Chemistry with laboratory	
Biology	6
Human Physiology	
Bacteriology	
Social Sciences	9
Selected from at least 2 of the following:	
Psychology, Sociology, Economics	
Education	3
At least one of the following: Educational	
Psychology, Methods of Teaching,	
Principles of Education	
Foods	6
Food Selection and Preparation	
Meal Planning and Service	
Nutrition and Dietetics	6
At least 2 of the following: Normal	
Nutrition (general), Advanced Nutrition,	
Diet in Disease	
Institution Management	6
Quantity Cookery	
Organization and Management	

\*Two hours of religion for every hour of attendance.

## PRE-X-RAY TECHNIQUE

One year of college work with a total of 32 semester hours is required as preparation for X-ray technique.

The course of study must include college physics. It is also recommended that courses in chemistry, anatomy and physiology should be taken.

## PRENURSING

	Semester First	Hours Second
Religion .....	2	2
Introductory Chemistry .....	3	3
Freshman English .....	3	3
Anatomy and Physiology .....	4	2
History of Nursing .....	3	
Microbiology .....		4
Health Principles .....		2
Physical Education .....	$\frac{1}{2}$	$\frac{1}{2}$

## TWO-YEAR STENOGRAPHIC PROGRAM

Secretarial Accounting	3	Religion	2
Life and Teaching of Jesus	4	Shorthand II (optional)	8
Freshman English	6	Typewriting II	2
Typewriting I	2	Secretarial Practice	3
Physical Education	1	Business Machines	1
Speech	2	American Constitution	2
Shorthand I (optional)	8	California Constitution	1
Electives	6	American History	3
	—	Physical Education	1
	32	Indexing and Filing	1
		Machine Transcription	1
		Electives	7
			—
			32

## FINANCIAL INFORMATION

All charges, with the exception of board, are applicable throughout the school year. No refunds are granted during vacation periods. However, if a student leaves the campus for more than one week at a time he will not be charged the full amount of the minimum board.

### SCHEDULE OF RATES AND CHARGES

At the time of registration all students are required to pay the cashier their guarantee deposit before beginning registration.

The guarantee deposit is \$85.00 for resident (boarding) students and \$45.00 for non-boarding, or day, students. Veterans living in the residence halls will be required to pay \$50.00. Students living in the college-owned residences will be required to pay one month's rent in advance. These deposits will be held in trust until the last month of the school year, or until the student leaves the college. Students registering after the regular registration will be required to pay a fee of \$5.00. (See page 27.)

Each student who enrolls in one or more chemistry courses is required, in addition to the above, to purchase, at the time of enrollment, one breakage ticket, the price of which is \$10.00; \$5.00 breakage tickets are required in biology courses using breakable equipment. Should the ticket be consumed before the end of the course, a new one is to be purchased. The unused portion of a ticket is redeemable at the end of the course. The breakage ticket is drawn upon to pay for equipment which the student damages or destroys in his work.

If the student has previously made a \$10.00 payment to reserve a room, this amount may be deducted from the guarantee deposit. If for any cause the student should be unable to attend school, in order to obtain the refund of the room deposit made for the fall semester, notification must be received by the college on or before September 1.

### TUITION

The entrance fee, all laboratory fees, all rentals (typewriter, piano, and organ), and the Associated Student Body fees are included in the tuition. Students taking less than 4 hours are not entitled to student publications or Associated Student Body privileges because the cost of these has not been added to the tuition they pay.

Schedule of tuition charges per semester:

<i>Credit Hours</i>	<i>Tuition</i>	<i>Credit Hours</i>	<i>Tuition</i>
1 .....	\$ 16.35	8 .....	\$134.30
2 .....	32.70	9 .....	150.65
3 .....	49.05	10 .....	167.00
4 .....	68.90	11 .....	183.35
5 .....	85.25	12 .....	199.70
6 .....	101.60	13-16 .....	216.00
7 .....	117.95	17 .....	232.40
		18 .....	248.75

The above tuition charges are payable in four semestral installments, as follows: First semester, October 31, November 30, December 31, and January 31; second semester, February 28, March 31, April 30, and May 31. Tuition for summer school is charged in June for the first session and in July for the second session. Statements are prepared each calendar month and are payable when presented.

Students living in the village or surrounding communities pay tuition on the same basis as dormitory students.

### ROOM RENT

Gladwyn Hall and Mu Beta Kappa ....	\$19.00 per month
Angwin Hall and Calkins Hall .....	20.00 per month
Special rooms in Angwin Hall and Calkins Annex .....	21.00 per month

The above charges are on the basis of two students in a room and include free laundry up to \$2.00 per month. Anything above \$2.00 will be charged extra. No refund will be made if a student does not avail himself of the services of the laundry. All the rooms in the residence halls are equipped with twin beds, twin closets, and hot and cold running water. The corner rooms in Angwin Hall and Calkins Annex are equipped with full bathroom facilities.

If a student wishes to room alone, he may be permitted to do so, as long as rooms are available, at an extra charge of \$5.00 a month.

Each student is furnished a key for which he signs when he occupies the room. No key deposit is charged. If a student fails to return the key when he leaves the college, a charge of \$3.00 will be made to cover the cost of installing a new lock. Should a student leave the room in a damaged condition, a charge will be made to take care of the cost of repair.

Students may have a maximum of 200 watts of electricity in their rooms; any excess wattage will be charged extra.

The Health Service fee applies toward the expenses of maintaining a nursing staff at the college. It does not include doctor's fees, special prescriptions, prolonged nursing care, or physical therapy treatments.

If a student finds it necessary to receive hospitalization in the infirmary, a charge of \$1.00 per day for its use will be made.

### PRIVATE MUSIC AND SPEECH LESSONS

The fee for private lessons (half hour) is \$32.00 per semester for one lesson a week; \$52.00 per semester for two lessons a week. Single lessons are \$2.50 each. No refunds are made for occasional absence, whether caused by sickness or other reasons. Lessons falling on holidays, field days, or vacations are not made up. Lessons missed through the fault of the instructor will be made up. When the lessons taken in a semester number less than 8, they will be charged for at the single lesson rate of \$2.50. In addition to the private lesson fee there is a regular tuition charge for the amount of credit earned.



## FEES

### *Application Fee:*

A fee of \$2.00 is required with the application from every new student. Students who have previously registered in the college or academy and have been continuous in attendance will not be required to pay the application fee. This fee is to pay for the checking of transcripts and recommendations.

### *Medical Examinations:*

All students are required to have completed physical examination blanks on file at the college when they come to register. Failure to do this will necessitate the taking of a physical examination at the college, for which a \$3.00 charge will be made by the college, payable in advance. No one will be allowed to begin registration until the medical blank has been approved.

### *Special Fees:*

Special examination .....	\$ 3.00
Late class change .....	1.00
Degree .....	5.00
Diploma — Professional .....	5.00
Late registration .....	5.00
Medical Aptitude Test .....	10.00
Reregistration Fee .....	3.00
Biology Field Courses (transportation) .....	5.00

Students taking music or typing *only* would pay the following rentals:

	Per Month
Typewriter, one period per day .....	\$ 1.50
Music Instruments .....	1.50
Music Rentals	Per Semester
Practice Room, one hour a day .....	\$ 5.00
Practice Room, two hours a day .....	8.00
Pipe Organ, Estey, two hours a week .....	14.00
Pipe Organ, Wurlitzer, three hours a week .....	14.00

Single practice periods are charged as follows:

	Per Hour
Estey Organ .....	\$ .50
Wurlitzer Organ .....	.35

## COLLEGE BOOK STORE

School supplies and stationery may be secured at the College Store. All books are available at the Book Store on the ground floor of the Administration building. All purchases are on a cash basis.

## MISCELLANEOUS FINANCIAL INFORMATION

No student is allowed to draw cash on his account unless the business office has a written authorization from the person responsible for the account. All checks paying school expenses should be made out to the college. All checks for personal cash are to be made out

to the college. Please do not combine money to be given to students with the check which pays the school bill. Purchases of books are personal items that the student buys for cash, and they are not considered as part of the school bill.

Withdrawals on credit balances will be permitted after the statements have been received by the student, which is usually the 6th of the month.

Tuition charges are based upon the number of hours of college credit in the course for which the student has registered, as shown by the records in the office of the registrar and business office. The same tuition is charged whether the course is taken for credit or audit.

Vouchers must be obtained from the registrar, properly signed and returned to the registrar, for class changes, including courses dropped for which tuition rebates are desired. Such rebates will be effective at the end of the week in which the voucher, properly signed, is filed with the registrar. Rebates are not retroactive. Students who wish to discontinue school during a semester must file with the registrar a drop voucher covering all classes being dropped, in order to merit an honorable dismissal on the transcript of record.

Rebates on residence hall expenses will be made only when the room is vacated and the key turned in to the dormitory dean.

Diplomas, transcripts of credits, and semester grades will not be issued until accounts with the college are fully paid.

One complete transcript of credits will be made upon request, free of charge. A fee of one dollar will be charged for each additional transcript.

Students transferring from other schools are asked to present statements to show that accounts with other schools have been paid or satisfactorily settled.

The college reserves the right to withhold payment of any balance payable to a student for a period of two weeks after he leaves school in order to be certain that all charges and credits have been recorded on his account.

## BOARD

Board is furnished on the cafeteria plan. The meals are served in a beautiful up-to-date dining room, which is equipped with the latest hygienic equipment obtainable.

The minimum charge for dormitory students per month for men is \$20.00; for women, \$16.00.

## STUDENT BILLS

Money for the payment of accounts should be sent directly to the business office of the college and should be made payable to La Sierra College. Bills are payable ten days from the close of the month.

## REFUNDS

The guarantee deposit will be refunded or credited to the account at the end of the school year, or whenever the student withdraws.

## THE STUDENT BANK

Provision is made for students to deposit in the Student Bank in the business office of the college such money as they may wish to have on hand for books, school supplies, and personal expenses. This money the student may withdraw at any time without question, or as parent or guardian may designate, by signing the passbook.

## LABOR FOR STUDENTS

Students who desire to work any considerable portion of their school expenses should, if possible, arrange for their labor assignments before making up their class programs. Those working twenty-one to thirty hours per week are permitted to carry twelve to fourteen semester hours of school work; those working thirty-one to forty hours are permitted to take ten semester hours. Only students taking the minimum of eight semester hours may work forty hours per week.

It is especially stipulated that labor given to students is not paid for in cash, but all earnings are to be credited to the account of the student for tuition, fees, and resident expenses. Labor credits cannot be transferred to any person without written permission of the person having the credit. Students accepting employment in any department agree to the provisions as stated above.

## SCHOLARSHIPS AND AIDS

La Sierra College has been authorized to admit veterans of World War II and Korean Veterans under the Vocational Rehabilitation Program (partial disability, *Public Law* 16, 78th Congress, 1943), and the Servicemen's Readjustment Act (the "G. I. Bill," *Public Law* 346, 78th Congress, 1944; and *Public Law* 550, 82nd Congress, 1952.)

Veterans wishing to attend school under the provisions of *Public Law* 346 should plan to have a "Certificate of Eligibility and Entitlement" (Form 1950 or 1953) from the Veterans Administration to submit when registering. Entitlement to training under *Public Law* 16 should be evidenced by a letter authorizing such training and signed by the training officer for this region. If you wish to attend under *Public Law* 550, you should secure "Certificates for Education and Training," Form 7-1993 from the Veterans Administration to submit at time of registration. Veterans under *Public Law* 550 must pay the regular guarantee deposit at the time of registration and all expenses incurred thereafter as the Veterans Administration sends the benefits to the veteran and not directly to the school.

Veterans planning for training under the State of California Edu-

cational Institute plan should evidence their intention by presenting an "Authorization Certificate" from the State of California.

Veterans who cannot furnish a certificate when registering must pay the regular guarantee deposit. All veterans should plan to enter school with the understanding that items suspended by the Government, either State or Federal, will be paid by the student. Veterans will do well to plan to have sufficient funds to cover at least two months' living expenses when applying for veterans benefits. Personal accounts for board, room, and laundry must be paid each month as presented. The college cannot carry personal accounts in anticipation of government subsidies.

Students who wish to sell Seventh-day Adventist literature will be awarded special scholarships which will be arranged between the publishers, the conferences, and the college.

## ENROLLMENT ANALYSIS

1952 - 1953

Regular Semesters	<i>Men</i>	<i>Women</i>	<i>Total</i>
Freshmen .....	161	130	291
Sophomores .....	114	78	192
Juniors .....	109	101	210
Seniors .....	93	26	119
Postgraduates .....	15	11	26
Special Students .....	7	17	24
Part-time .....	10	6	16
Summer Sessions 1952			
Freshmen .....	12	8	20
Sophomores .....	11	11	22
Juniors .....	29	13	42
Seniors .....	26	15	41
Postgraduates .....	2	6	8
Special Students .....	3	4	7
COLLEGE TOTAL .....			1018



# GRADUATES OF 1952

## BACHELOR OF ARTS

Douglas M. Agee, Jr.	Milton T. Johnson
Pedro Alvarez	William Russell Johnson
Robert H. Babcock	Rose Bow Hing Leong
Henry Arthur Barron	Carlos Ewart Lim
Eliezer Benavides	Charles Victor Lindsay, Jr.
Barbara Helen Canright	Douglas Logan
Arthur Carl Carlson	Richard Paul Mason
Ellen Singleton Chenard	Robert A. Midkiff
Carol Kui Kim Chin	Wilma Robison Murray
Stanley Charles Condon	Darrell Allen Nicola
Nollie Norman Connel	Edward Eugene Oliver
Clarence John Coombs	Donald E. Pearce
Frederick M. Cox	Albert Lavern Peterson
Euell William Crisp, Jr.	Ralph Gates Pueschel
Dale Arthur Curtis	Gerald Mervale Reynolds
Barbara Anne Deem	Harold M. S. Richards, Jr.
Armand Leon Dollinger	Doris A. W. Robertson
Jack Leonard Dunham	Lynn N. Sarkisian
Irene Laverne Ehrhardt	Norman Robert Schaffner
Laurence D. Evans	Donald Damon Shaw
Walter Christian Fahlsing	Clifford Shepard
Harold A. Fanselau	J. Gordon Short
Glenn Lyon Foster	Robert Lee Smith
Milo Raymond Fowler	Robert Milton Stansbury
Henry E. Fuss	Betty Tatro Steen
Julius Carlyle Gorton	Robert Harold Steen
William Harold Gosse	Leon Albert Steinert
Fritz Guy	Vivian Adell Strayer
Elisabeth Marilyn Hannum	Kazuo Teruya
Charles Burton Harris	Dorothy Emily Weaver
Gilbert LeRoy Herman	Franklin Eugene Webster
Earl Weldon Heslop	Calvin Charles Willis
Lester G. Hillmon	Marilyn Jean Young
William I. Inman	Ronald Sui On Zane
Edwin Henry Jacobson	

## BACHELOR OF SCIENCE

Dextra Jeanne Bell	Joanne Camille Rosenfeld
Marion O. Grecian	Yvonne Pasher Sonneland
Dale Richard Hall	Donna Wadsworth Specht
Donald Eugene Mack	Erwin H. Sprengel
Fred Moor	Glenn Wesley Van Fossen
Virginia L. Myers	Ellen N. Dick Waddell
Melvin Harold Oft	Lloyd Wilder
Wilbur Harold Olson	Sidney Herbert Williams
Pauline Selinka Robinson	Robert Sheldon Wood

## BACHELOR OF MUSIC EDUCATION

Eleanor Jean Patzel

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*Mt. Wilson*



**GLENDALE SANITARIUM**

○ **GLENDALE UNION ACADEMY**

*Occidental College*

*Pasadena*

*Huntington  
Memorial  
Library*

*Claremont  
Colleges*

*Univ. Calif. L.A.*

**WHITE MEMORIAL HOSP**

**LOS ANGELES**

*Univ. S. Cal.*

*Whittier College*

**LYNWOOD ACADEMY**

*Long Beach*

*Balboa*

○ *Santa Ana*

*Laguna Beach*

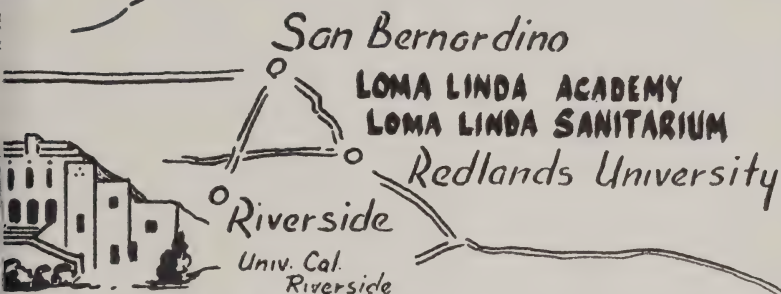
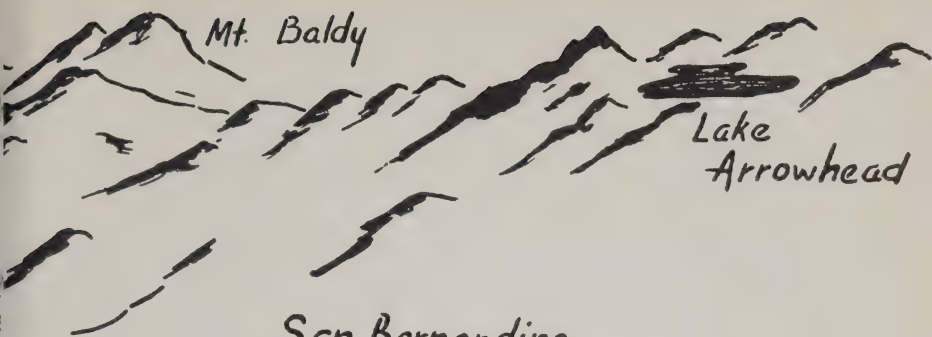
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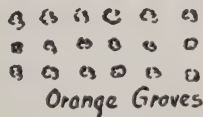
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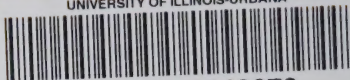








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